

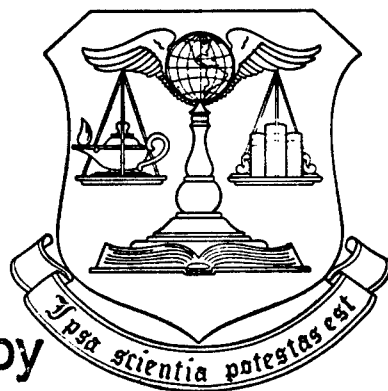
Peggy

Air University Library Index

to
Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1978
Volume 29 Number 4

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited



Best Available Copy

Air University Library
Maxwell Air Force Base, Alabama

20040305 046

Air University Library Index to Military Periodicals

~~~~~  
**Volume 29**

**Number 4**  
~~~~~

Cumulative Issue
January-December 1978

Frances B. Rucks, Editor

~~~~~  
**Air University Library**

**Maxwell Air Force Base, Ala.**  
~~~~~

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

P r e f a c e

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 68 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members of Air University Library index all of the periodicals with the exception of six titles which are indexed by other Air Force, Army, and Navy libraries. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

PERIODICALS INDEXED

- AEI Def Rev--AEI Defense Review (irregular) \$1.50 per issue. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036.
- Aerosp Hist--Aerospace Historian (q) \$20.00. Eisenhower Hall, Kansas State University, Manhattan, Kans, 66506.
- Aerosp Intl--Aerospace International (bim) \$18.00. Mönch Publishing Group, Heilbachstrasse 26, 5300 Bonn 1, W.Germany.
- Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) \$12.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Air Def Mag--Air Defense Magazine (q) \$4.00. USAADS, ATTN: ATSA-TD-LIT, Fort Bliss, Tex, 79916.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP 85-1 (q) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Law Rev--Air Force Law Review - AFRP 110-1 (q) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Mag--Air Force Magazine (m) \$13.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAFOII, Pentagon, Washington, DC, 20330.
- AF Times--Air Force Times (Eastern Edition) (w) \$24.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.
- **Air Pict--Air Pictorial (ceased indexing with vol 40, no.3, March 1978)
- Air Reservist - AFRP 30-1 (10 nos. a year) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AU Rev--Air University Review, the Professional Journal of the United States Air Force (bim) \$11.60. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$15.00. American Aviation Historical Society, P.O. Box 99, Garden Grove, Calif, 92642.
- **Approach, the Naval Aviation Safety Review (ceased indexing with vol 23, no.9, March 1978)
- Armed Forces & Soc--Armed Forces and Society (q) \$18.00. Social Science Building, University of Chicago, Chicago, Ill, 60637.
- Armed Forces Compt--Armed Forces Comptroller (q) \$7.00. The Armed Forces Comptroller, 206 James Thurber Court, Falls Church, Va, 22046.
- Armed Forces J Intl--Armed Forces Journal International (m) \$18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20039.
- Armor (bim) \$8.00. Armor, P.O.Box O, Fort Knox, Ky, 40121.
- Army (m) \$10.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, Va, 22201.
- Army Log--Army Logistician (bim) \$9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Army Qtr--Army Quarterly and Defence Journal (q) \$20.00. West of England Press, Publishers, Ltd, 1, West Street, Tavistock, Devon, England.
- Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) \$35.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Combat Crew - SACRP 127-1 (m) \$12.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, Nebr, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- ***Command (formerly Commanders Digest) (m) \$17.00. American Forces Press Service, 1117 N.19th St., Arlington, Va, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Comdrs Dig--Commanders Digest (changed to Command with July 1978 issue)
- **Contact (ceased indexing with Winter 1978)
- Def & For Aff Dig--Defense & Foreign Affairs Digest (m) \$50.00. Copley & Associates, SA, Suite 602, 2030 M St NW, Washington, DC, 20036
- Def Mgt J--Defense Management Journal (bim) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Monitor--Defense Monitor (m) No price given. Center for Defense Information, 122 Maryland Ave NE, Washington, DC, 20002.
- Def Sys Mgt Rev--Defense Systems Management Review (q) No price given. Defense Systems Management College, Fort Belvoir, Va, 22060.
- Def Trans J--Defense Transportation Journal (bim) \$20.00. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.
- Educ J--Education Journal - AFROTCRP 53-1 (3 nos. a year) No price given. Air Force ROTC, AFROTC/SDEP, Bldg 500, Maxwell AFB, Ala, 36112.

*Added titles since the 1977
Cumulative Issue

**Titles ceased indexing since the
1977 Cumulative Issue

***Titles changed since the 1977
Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- Elect Warfare/Def Elect--Electronic Warfare/Defense Electronics (m) \$20.00. EW Communications, Inc, 1170 E. Meadow Dr, Palo Alto, Calif, 94303.
- Fld Arty J--Field Artillery Journal (bim) \$9.00. Field Artillery Historical Assoc, Fort Sill, Okla, 73503.
- Govt Exec--Government Executive (m) \$15.00. 1725 K St, NW, Washington, DC, 20006.
- Hawk, the Independent Journal of the Royal Air Force Staff College (a) \$1.25 (est). Royal Air Force Staff College, Bracknell, Berkshire, England.
- Infantry (bim) \$7.00. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.
- Interavia (m) \$30.00. 86 Avenue Louis Casai, CH-1216 Cointrin, Geneva, Switzerland.
- Interceptor - ADCOMRP 127-2 (m) No price given. Editor, Interceptor, Hq ADCOM/SEOD, Peterson AFB, Colo, 80914.
- Intl Def Rev--International Defense Review (9 nos. a year) \$40.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Sec--International Security (q) \$12.00. M.I.T. Press, 28 Carlton St, Cambridge, Mass, 02142.
- J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) \$8.50. Department of Sociology, Northern Illinois University, DeKalb, Ill, 60115.
- Log Spectrum--Logistics Spectrum (q) \$12.00. Society of Logistics Engineers, 3322 South Memorial Parkway, Suite 65, Huntsville, Ala, 35801.
- MAC Flyer - MACRP 127-5 (m) \$12.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$10.00. P.O. Box 1775, MCB, Quantico, Va, 22134.
- Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) \$15.00. Electronic Defense Assoc, 2065 Martin Ave, Ste 104, Santa Clara, Calif, 95050.
- Mil Engr--Military Engineer (bim) \$15.00. Society of American Military Engineers, 740 - 15th St, NW, Washington, DC, 20005.
- Mil Rev--Military Review (m) \$12.00. Military Review, USACGSC, Fort Leavenworth, Kans, 66027.
- NATO's Fifteen Nations (bim) \$25.20 Jules Perel's Publishing Co, Post Box 366, 35 Matterhorn, Amstelveen 1186EB, The Netherlands.
- Natl Def--National Defense (bim) \$22.50. American Defense Preparedness Assoc, 740 15th St, NW, Washington, DC, 20005.
- ***Natl Guard--National Guard (formerly National Guardsman) (11 nos. a year) \$3.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Natl Guardsman--National Guardsman (changed to National Guard with December 1978 issue)
- **Natl Sec Aff Forum--National Security Affairs Forum (ceased publication with No.24, Spring-Summer 1976 issue)
- Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.
- Navigator - AFRP 50-3 (3 nos. a year) \$3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Officer (m) \$5.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- Parameters, the Journal of the U.S. Army War College (q) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.
- **Persp in Def Mgt--Perspectives in Defense Management (ceased publication with No.24, Winter 1975/1976 issue)
- RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) \$24.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SW1A 2, ET, England.
- **Remotely Piloted Mag--Remotely Piloted Magazine (ceased indexing with vol 6, no.1, January 1978)
- Review (bim) \$10.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041
- Royal Air Forces Qtr--Royal Air Forces Quarterly (q) \$5.50 (est). Portland Road, Malvern, Worchester-shire WR14 2TA, England.
- Sea Power (m) \$6.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.
- Signal (10 nos. a year) \$12.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041.
- Soldiers, Official U.S. Army Magazine (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) \$7.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, Md, 20852)
- **Spaceflight (ceased indexing with vol 19, no.12, December 1977)
- Strat Rev--Strategic Review (q) \$12.00. United States Strategic Institute, Central Plaza Bldg, 675 Massachusetts Ave, Cambridge, Mass, 02319.
- TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC/SEPP, Langley AFB, Va, 23665.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AF/IGEP, Hq USAF, Washington, DC, 20330. Limited to AF offices.
- Translog (m) \$12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57TTW/DON, Nellis AFB, Nev, 89191.
- USA Avn Dig--United States Army Aviation Digest (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$15.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks and/or twice a month		
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS; military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry:

PROFESSIONALISM

Professionalism. LtGen Raymond B. Furlong.
TIG Brief 28:2 Mar 12 '76

Explanation:

Under the subject PROFESSIONALISM an article entitled "Professionalism" by LtGen Raymond B. Furlong appears in the magazine TIG Brief, volume 28, on page 2, the March 12, 1976 issue.

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECF see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFDAA see Air Force Data Automation Agency

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Military Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFRTS see American Forces Radio and Television Service

AFTEC see Air Force Test and Evaluation Center

ALFA see Air Land Forces Application Agency

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

ASEAN see Association of Southeast Asian Nations

ASMS see Missile Type--Aegis

ASW see Antisubmarine Warfare

AUSA see Association of the U. S. Army

AUTODIN see Automatic Digital Network

AWACS see Airborne Warning and Control System

ABBREVIATIONS

Abbreviations--a time and a place. TIG Brief 30:22 Apr 14 '78

Maintenance as a foreign language. Capt Duane C. Tway. illus TAC Attack 18:20-22 Jul '78

ABORTIONS see Pregnancy

ABRAMS, Creighton W., Jr

Creighton Abrams at the U.S. Army War College (1952-53). Benjamin Franklin Cooling. por Mil Rev 58:73-78 Jun '78

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Hormonal indices of tolerance to +G_z acceleration in female subjects. J. Vernikos-Danellis and others. tabs Aviation, Space & Envmt Med 49:886-889 Jul '78

ACCIDENT PREVENTION

See also

Safety Programs

The AICUZ (Air Installation Compatible Use Zone) program at Dobbins AFB (Ga). Col John H. Smith. illus AF Engrg & Svcs Qtr 19:34-37 Feb '78

Air Force works hard to prevent flying violations. TIG Brief 30:8 Feb 17 '78

Aircrew judgment--not gone or forgotten. Capt David V. Froehlich. Aerosp Safety 34:24-25 Aug '78

Army's new diesel fuel self-extinguishes in accidental fires. Armed Forces J Intl 115:16 Aug '78

The automatic complacency. Capt K.E. Ternhem. illus Aerosp Safety 34:12-13 Apr '78

Avoidance of birds in the air. illus TAC Attack 18:10-11 Sep '78

B*A*S*H* (Bird-Aircraft Strike Hazard teams from Tyndall AFB, Fla, try to rid airfields of birds) Capt Dick Sheffield. illus Airman 22:36-39 Jun '78

Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

Bird control at the airport. illus TAC Attack 18:22-25 Sep '78

Birds and the airdrome. illus TAC Attack 18:18-20 Sep '78

Birdstrikes: The problem. (4-year analysis) tabs map TAC Attack 18:3-7 Sep '78

The Boy Scout motto. Capt Mike Chase. illus TAC Attack 18:28-30 Oct '78

"Breathes there a pilot ..." Maj Kenneth E. Krause. illus TAC Attack 18:6-7 Jul '78

Caliber .38 revolver incidents. TIG Brief 30:3 May 12 '78

Case report of an obsessive-compulsive personality: A precursor to accident proneness. Guy R. Banta and David P. Kosnosky. Aviation, Space & Envmt Med 49:827-828 Jun '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

Confessions of a military runway. Capt James J. Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Cooperate and survive. Col Ruel J. Neeley. illus MAC Flyer 25:3-4 Oct '78

Crew coordination. Maj Roger L. Jacks. illus Aerosp Safety 34:4-6 Dec '78

Crew rest limits and intent. TIG Brief 30:10 May 26 '78

Danger area--look out! Capt William C. Kassen. illus Combat Crew 28:4-7 Aug '78

Distraction--fatal, insidious, human. Maj Thomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78

ACCIDENT PREVENTION - Continued

Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

Done in: Dynamically! Capt J.P. Cress. (Reprinted from Approach, May 1975) illus tab Approach 23: 24-26 Jan '78

Effects of runway grooving. Capt Dannie O. Burk. illus tabs Aerosp Safety 34:22-25 Mar '78

Eyeballs out--see and avoid. illus Aerosp Safety 34: 2-3 Dec '78

FOD prevention: A maintenance and safety effort. TIG Brief 30:6 Jan 20 '78

A FOD prevention program that works. LCDR David J. Carey. illus tab Aerosp Safety 34:25-28 Oct '78

Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78

Fair wear and tear versus abuse. TIG Brief 30:18 Jul 7 '78

Fliers--2; fixers--0! (Forms 781) Capt David V. Froehlich. Aerosp Safety 34:4-5 Jun '78

Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78

Gear up (wings down). LtCol Warren R. Horney. illus Aerosp Safety 34:16-18 Aug '78

Hail hazards. illus maps tab Aerosp Safety 34:26-27 Aug '78

Hazardous air traffic reports. TIG Brief 30:5 Nov 17 '78

Hot takeoffs can lead to cold statistics. illus Approach 23:28-29 Jan '78

Inattention, a common denominator. TIG Brief 30:7 Jan 6 '78

It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78

Let's have a fly-in. LtCol Robert L. Gardner. illus Aerosp Safety 34:23-24 Dec '78

Little mistakes can make big bangs! Capt Fred Higaki. illus TAC Attack 18:22 Oct '78

Loss of consciousness during air combat maneuvering. Maj James E. Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78

Magnetism: Power to prevent accidents. illus USA Avn Dig 24:8-11 Feb '78

Midair collision avoidance. Capt James J. Lawrence. illus Aerosp Safety 34:9-13 Jan '78

Mid-air collision avoidance for FIP (Flight Instruction Program) cadets. Capt Robert R. Franke. illus Educ J 20:52-54 Spring '78

Mishap prevention: A matter of attitude. TIG Brief 30:6 Mar 3 '78

Mishaps: Supervision and safety. TIG Brief 30:9 Apr 28 '78

New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

Night owls do it in the dark. Capt Pete Abler. illus TAC Attack 18:10-12 Jul '78

ACCIDENT PREVENTION - Continued

No short landings? illus Aerosp Safety 34:14-15 Dec '78

Now you see it ... now you don't. (Collision avoidance) illus tabs Aerosp Safety 34:27 Sep '78

Obstacle clearance and its impact on air transport. R. Tillmann. illus tabs Interavia 33:1119-1121 Nov '78

Periodic inspection of compressed breathing air. TIG Brief 30:19 Mar 31 '78

Potential dangers in base central heating plants. TIG Brief 30:17 Jan 20 '78

Programmed for landing. Capt Bruce L. Gumble. illus MAC Flyer 25:21-22 Feb '78

Progress in FOD prevention. TIG Brief 30:10 Mar 3 '78

Runway condition. CMSgt George M. Horn. illus Aerosp Safety 34:4-5 Apr '78

See and avoid concept: Is it effective? Capt Alvin C. Hoekstra. illus tabs Combat Crew 28:22-24 Aug '78

Sharing the air with military jets. illus map Aerosp Safety 34:1-3 May '78; Correction. 34:24 Oct '78

Shear distress. Maj John E. Richardson. illus Aerosp Safety 34:8-10 Apr '78

The silver bullet. LtCol Henry M. Crook, Jr. tab TAC Attack 18:26-27 Dec '78

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

The smart way to go around. Capt Bob Ziener. illus tab Aerosp Safety 34:4-5 Aug '78

So you think ... it can't happen to you! LtCol William S. Barnitz. illus TAC Attack 18:4-6 Oct '78

South for the winter. map illus TAC Attack 18:12-14 Sep '78

Stress. Anchard F. Zeller. illus Aerosp Safety 34: 20-22 Dec '78

'Superb airmanship.' (Maj Gale French, AFR, receives the Distinguished Flying Cross and the Koligian Trophy for 1977) illus Air Reservist 30:6 Sep '78

Supervisory influence in accident prevention. TIG Brief 30:5 Nov 17 '78

Things that go thump in the flight. Aerosp Safety 34: 28-29 Dec '78

Tips for the operator. (Birdstrike) illus TAC Attack 18:26-27 Sep '78

Too much talk and too little help. illus Approach 23: 16-18 Mar '78

Tort claims illustrate a need for safety. TIG Brief 30:12 Mar 17 '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

Training pays off--again! TIG Brief 30:3 Apr 14 '78

USAF Hazard Reporting Program. TIG Brief 30:9 Jul 7 '78

ACCIDENT PREVENTION - Continued

USAF railway operations (occupational). TIG Brief 30:13 Feb 17 '78

Violations of flight discipline cause mishaps. TIG Brief 30:8 Mar 3 '78

Warning: Bicycle riding can be hazardous to your health. Capt Donald E. Waddell III. illus TAC Attack 18:28-30 Jun '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78

Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Windshear for navigators. LtCol Orlen L. Brownfield. MAC Flyer 25:15 Apr '78

Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78

Winter weather. Capt Robert G. Bishop III. illus TAC Attack 18:4-5 Dec '78

You've got it and you'd better keep it. Interceptor 20: 18-19 Dec '78

Study and Teaching

Additional Duty Safety Officer Course. TIG Brief 30:5 Aug 4 '78

ACCIDENTS

Caliber .38 revolver incidents. TIG Brief 30:3 May 12 '78

Graphite composite materials released during aircraft accidents can cause problems. TIG Brief 30:5 May 12 '78

Gunship crew spotlights train accident scene. illus Officer 54:15 Mar '78

Causes

When you are most likely to get hurt. Maj Wayne E. Griffith. illus tab Interceptor 20:14-15 Dec '78

Costs

Mishap repair costs. TIG Brief 30:5 Nov 3 '78

Investigations

Appointing accident investigating officers. TIG Brief 30:11 Sep 22 '78

Civil deposition or trial appearance by an Air Force witness who previously furnished information in safety investigations. TIG Brief 30:18 Jan 20 '78

Combined mishap and category I materiel deficiency reports. (AFR 127-4) TIG Brief 30:5 Mar 31 '78

Investigating and reporting USAF mishaps (AFR 127-4). TIG Brief 30:5 Oct 20 '78

Protection of crime scenes. TIG Brief 30:3 Jun 23 '78

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 30:19 Mar 3 '78

Tort claims illustrate a need for safety. TIG Brief 30:12 Mar 17 '78

ACCIDENTS - ContinuedInvestigations - Cont'd

Waivers to mishap formal reporting requirements. TIG Brief 30:6 Jan 6 '78

Statistics

Christmas and New Years holiday fatalities. Table only. TIG Brief 30:6 Jan 20 '78

1977 USAF mishap review. TIG Brief 30:2 Mar 17 '78

Save yourself from drowning. TIG Brief 30:8 May 12 '78

ACCIDENTS, AIR

Graphite composite materials released during aircraft accidents can cause problems. TIG Brief 30:5 May 12 '78

Red Flag: Little impact on aircraft loss rate. Len Famiglietti. AF Times 39:4 Sep 18 '78

Think about the unthinkable. Capt Charles F. Nowlin. illus USA Avn Dig 24:40-43 Aug '78

CausesSee also

Pilot Error

Accident assurance. illus USA Avn Dig 24:32-33 Feb '78

Aircraft over-G mishaps. tab TIG Brief 30:5 Apr 14 '78

Another bit the dust. (Reprinted from Approach, Oct 1977) illus MAC Flyer 25:14-15 Mar '78

Avoidance of birds in the air. illus TAC Attack 18: 10-11 Sep '78

Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

Birdstrike on a B-52. Capt John G. Platt. illus Combat Crew 28:20-22 Oct '78

Birdstrikes: The problem. (4-year analysis) tabs map TAC Attack 18:3-7 Sep '78

Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78

CFIT (Controlled Flight Into Terrain)--a human factors problem. Maj John E. Richardson. illus Aerosp Safety 34:2-5 Feb '78

Captain Marble's magic maneuver (for dynamic roll-over). Maj John W. Petersen. illus MAC Flyer 25: 6-7 Jul '78

Case report of an obsessive-compulsive personality: A precursor to accident proneness. Guy R. Banta and David P. Kosnosky. Aviation, Space & Envt Med 49:827-828 Jun '78

Crew behavior in accident causation. Robert E. Yanowitch. tabs Aviation, Space & Envt Med 48: 918-921 Oct '77

Crew coordination. Maj Roger L. Jacks. illus Aerosp Safety 34:4-6 Dec '78

Danger area--look out! Capt William C. Kassen. illus Combat Crew 28:4-7+ Aug '78

The dangerous art of doing nothing. Col James G. Jones. illus TAC Attack 18:10-13 May '78

ACCIDENTS, AIR - ContinuedCauses - Cont'd

- Deep six. (Crewmember tells of his experience in a major aircraft accident) 1stLt Larry D. Shepherd. illus MAC Flyer 25:22-23 May '78
- Disorientation training in FAA-certificated flight and ground schools: A survey. William E. Collins and others. tabs Aviation, Space & Envmt Med 49:947-951 Aug '78
- Distraction--fatal, insidious, human. Maj Thomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78
- Downburst. illus MAC Flyer 25:12-14 Apr '78
- Epidemiology of military air display accidents. W.J. McArthur and N.H. Haakonson. illus tabs Aviation, Space & Envmt Med 48:911-915 Oct '77
- Eyeballs out--see and avoid. illus Aerosp Safety 34:2-3 Dec '78
- Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78
- First things first, tab TIG Brief 30:9 May 12 '78; Condensation. TAC Attack 18:19 Jul '78
- Flight duty and crew rest limitations are for a purpose. TIG Brief 30:7 Apr 28 '78
- Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78
- 4-legged hazard: Pilots warned. tab AF Times 38:21 Jan 1 '78
- Heavyweight bout with density altitude. illus USA Avn Dig 24:42-43 Apr '78; Adaptation. Aerosp Safety 34:20-21 Aug '78
- High Accident Potential (HAP) reports. TIG Brief 30:3 Nov 17 '78
- High accident risk pilots. (Adapted from Approach, March 1977) illus Interceptor 20:5-7 Apr '78
- An inflight RIF? Capt David E. Pine. illus Aerosp Safety 34:18-19 Dec '78
- It's the one you don't see ... that will get you. Maj Lucas D. Lowery, Jr. illus USA Avn Dig 24:42-43 Sep '78
- JOAP (Joint Oil Analysis Program) results must be timely. TIG Brief 30:19 Dec 1 '78
- Low level. Capt Pete Abler. TAC Attack 18:18-19 Feb '78
- Midair collision avoidance. Capt James J. Lawrence. illus Aerosp Safety 34:9-13 Jan '78
- Mishaps with a moral. Regular feature in some issues of MAC Flyer
- Night owls do it in the dark. Capt Pete Abler. illus TAC Attack 18:10-12 Jul '78
- "77 in review." (ADCOM/ANG mishaps) illus Interceptor 20:8-11 Feb '78
- Over-G mishaps seen on increase. Len Famiglietti. AF Times 38:6 May 1 '78
- Pick the right one! illus Approach 23:1-3 Jan '78
- Pitot-static pitfalls. Barry Schiff. (Adapted from AOPA Pilot, Nov 1976) illus MAC Flyer 25:12-15 Feb '78

ACCIDENTS, AIR - ContinuedCauses - Cont'd

- Programmed for landing. Capt Bruce L. Gumble. illus MAC Flyer 25:21-22 Feb '78
- The psychologist and flying accidents. R.G. Green. Aviation, Space & Envmt Med 48:922-923 Oct '77
- A red light squeaker. illus TAC Attack 18:18-19 Oct '78
- Self-medication (again). TIG Brief 30:15-16 Mar 31 '78
- Severe wind shear. illus Combat Crew 28:8-11 May '78
- The shrinking circle. (The AF Inspection and Safety Center analyses aircraft accidents to see how they can be prevented) James A. George. illus Airman 22:32-37 Jul '78
- So you think ... it can't happen to you! LtCol William S. Barnitz. illus TAC Attack 18:4-6 Oct '78
- Spatial disorientation in general aviation accidents. William R. Kirkham and others. tabs Aviation, Space & Envmt Med 49:1080-1086 Sep '78
- Stress. Ancharf F. Zeller. illus Aerosp Safety 34:20-22 Dec '78
- Strictly unqualified. illus USA Avn Dig 24:46-47 Feb '78
- Summer thunderstorm, pilot enemy Number 1. illus map USA Avn Dig 24:42-45 May '78
- Supervisory influence in accident prevention. TIG Brief 30:5 Nov 17 '78
- Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philpott. illus Aerosp Safety 34:14-16 Jul '78
- Too much talk and too little help. illus Approach 23:16-18 Mar '78
- A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78
- U.S. fatal general aviation accidents due to cardiovascular incapacitation: 1974-75. Stanley R. Mohler and Charles F. Booze. tabs Aviation, Space & Envmt Med 49:1225-1228 Oct '78
- Violations of flight discipline cause mishaps. TIG Brief 30:8 Mar 3 '78
- Vulnerability of friendly aircraft to friendly ADA (Air Defense Artillery) fires. Capt Michael H. Cassetori. illus Air Def Mag, pp 14-16, Jul-Sep '78
- We are out of gas!! Capt Kenneth S. Harvell. illus tab Aerosp Safety 34:2-4 Oct '78
- Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78
- When lightning strikes an aircraft. TIG Brief 30:9 May 26 '78
- Wire strikes on the rise. illus USA Avn Dig 24:26-29 Mar '78
- Wires: The unseen enemy. TIG Brief 30:3 Dec 15 '78
- You've got it and you'd better keep it. Interceptor 20:18-19 Dec '78

ACCIDENTS, AIR - ContinuedInvestigations

Anatomy of a mishap investigation. Capt James J. Lawrence. illus Aerosp Safety 34:27-30 Nov '78

Cause of death in aircraft accidents: Drowning vs traumatic injuries. Robert L. Thompson. illus Aviation, Space & Envmt Med 48:924-928 Oct '77

Crew behavior in accident causation. Robert E. Yanowitch. tabs Aviation, Space & Envmt Med 48: 918-921 Oct '77

Emergency mental health services during and after a major aircraft accident. John C. Duffy. Aviation, Space & Envmt Med 49:1004-1008 Aug '78

Fatal aircraft accidents. A.J.C. Balfour. Aviation, Space & Envmt Med 48:909-910 Oct '77

Hazardous Air Traffic Report (HATR) Program. TIG Brief 30:7 Apr 14 '78

Hazardous air traffic reports. TIG Brief 30:5 Nov 17 '78

High terrain Northwest. (Adaptation of a National Transportation Safety Board report on crash of a chartered jet) illus Combat Crew 28:16-19 Jan '78

The K.I.S.S. (Keep It Simple Safety) principle and your pre-mishap plan. LCDR C.R. Saffell, Jr. illus Approach 23:4-5 Jan '78

Lest we forget. (SAC's nuclear mishaps, Jan 16, 1966, and Jan 21, 1968) Maj Herman L. Reese. illus Combat Crew 28:20-21 Jan '78

Medical investigation of fatalities from aircraft-accident burns. Michael J. Dunne, Jr and Robert R. McMeekin. Aviation, Space & Envmt Med 48:964-968 Oct '77

News media access to site of an Air Force mishap. TIG Brief 30:21 Nov 17 '78

Professional mishap investigation. TIG Brief 30:4 Mar 17 '78

The shrinking circle. (The AF Inspection and Safety Center analyses aircraft accidents to see how they can be prevented) James A. George. illus Airman 22:32-37 Jul '78

Thorough mishap investigations do not have to generate thick reports. TIG Brief 30:7 Jul 7 '78

"We can no longer chase the four winds." (Interview with Col Keith J. Rynott) illus USA Avn Dig 24: 16-19 May '78

Statistics

Another look at ejection trends and mishap survival. tab TIG Brief 30:4 Mar 31 '78

Birdstrikes: The problem. (4-year analysis) tabs map TAC Attack 18:3-7 Sep '78

(MAC) accident statistics for 1977. tabs MAC Flyer 25:4-5 Apr '78

"77 in review." (ADCOM/ANG mishaps) illus Interceptor 20:8-11 Feb '78

Total loss was a microsecond away. tabs TIG Brief 30:11-12 Apr 28 '78

Weather factor mishaps. Maj Francis L. Gulberson. illus tabs Aerosp Safety 34:6-9 Jun '78

ACCIDENTS, GROUND (AIRCRAFT)

(Cross-tell mistakes: Use correct chocks) LtGen James D. Hughes. TIG Brief 30:1-2 May 26 '78

45 seconds ... are we all safe? Capts Roger L. Warnick and Milton W. Price, Jr. illus Combat Crew 28:8-11+ Feb '78

4-legged hazard: Pilots warned. tab AF Times 38:21 Jan 1 '78

Ground runup hazards. TIG Brief 30:8 Apr 14 '78

High-speed taxi checks: Not just another ops check. TIG Brief 30:10 Mar 31 '78

There's no excuse for a taxi accident. Capt James T. Webb. illus Interceptor 20:20-21 Jun '78

Unchained melody. illus Approach 23:22-23 Mar '78

ACCIDENTS, GROUND (MISSILES)

Inattention, a common denominator. TIG Brief 30:7 Jan 6 '78

Training pays off--again! TIG Brief 30:3 Apr 14 '78

ACCIDENTS, MARINE

The Amoco Cadiz: An avoidable disaster? CDR J.W. McCurdy, Ret. illus US Nav Inst Proc 104:109-110 Jun '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

What killed the Scorpion? Norman Polmar and D.A. Paolucci. illus Sea Power 21:13-19 May '78

ACCIDENTS, TRAFFIC

Administrative suspension/revocation of base driving privileges. TIG Brief 30:13 Mar 17 '78

Helmetless cyclists can get points. AF Times 39:22 Aug 28 '78

Private motor vehicle losses are up. TIG Brief 30:5 Jan 6 '78

Private vehicle fatalities: Up. BrigGen Garry A. Willard, Jr. TIG Brief 30:3 Jan 20 '78

Investigations

Drug and alcohol testing of individuals involved in ground mishaps. TIG Brief 30:19 Oct 20 '78

Vehicle accident/abuse investigation procedures. TIG Brief 30:6 Aug 4 '78

Statistics

Cycle deaths up in '77. AF Times 38:12 Feb 13 '78

Helmet repeal blamed for cycle deaths. AF Times 38:10 Jul 24 '78

ACCLIMATIZATION

Changes in EEG pattern during acclimatization to high altitude (3500 m) in man. W. Selvamurthy and others. illus tab Aviation, Space & Envmt Med 49: 968-971 Aug '78

Hormonal responses of sedentary and exercising men to recurrent heat exposure. R.P. Francesconi and others. tabs Aviation, Space & Envmt Med 49: 1102-1106 Sep '78

ACCOUNTING

Cost Accounting Standard 414: "Cost of Money as an Element of the Cost of Facilities Capital." Thomas W. Short. illus tab Armed Forces Compt 23: 12-14 Feb '78

Directorate of Accounting & Finance. MajGen Lucius Theus. illus chart AF Compt 12:21+ Oct '78

The floating dollar and the overseas comptroller. Maj Cary F. Owen. illus tab AF Compt 12:14-15+ Apr '78

New aircraft/missile accounting terminology. tab TIG Brief 30:17-18 Dec 15 '78

A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:32-33 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:32-33 Apr '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:20-21 Jul '78

ACES

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 61:132-145 May '78

ACOUSTICS

Tactical ASW & ocean acoustic forecasting. LCDR Alden B. Chace, Jr and LT George V. Galdorisi. US Nav Inst Proc 104:146-147 Mar '78

ADAMS, Brock

'Meeting the challenge': (Transportation Sec Brock) Adams issues FCZ (Fishery Conservation Zone) update. L. Edgar Prina. Sea Power 21:36-37 Apr '78

Secretary Adams launches critical review of (Dept of Transportation) regulations. Def Trans J 34: 32+ Apr '78

ADAMS, Christopher S., Jr

An Air Force career. (Remarks, ROTC Dining-Out, East Texas State University, Commerce, Tex, Nov 18, 1977) BrigGen Christopher S. Adams, Jr. AF Ploy Ltr for Comdrs: Sup No. 2:16-20 Feb '78

ADEN PROTECTORATEHistory

The Radfan campaign (during the closing years of British rule in Aden). ACM David Lee. illus map Royal Air Forces Qtr 17:352-366 Winter '77

ADJUTANT GENERALArmyDirectories

State Adjutants General. Army 28:116 Oct '78

ADJUTANT GENERAL - ContinuedNational Guard--Armed Forces

AG's say moot memo has to go. (Highlights, state AG's meeting, Washington, Jan 1978) illus Natl Guardsman 32:12-13 Mar '78

"How to succeed by really trying." (Highlights and resolutions, AG's Annual Meeting, Hershey, Pa, May 1978) illus Natl Guardsman 32:10-14 Jul '78

History

AG Association launched during 1912 controversy. Natl Guardsman 32:14 Mar '78

ADMINISTRATIONSee also

Management
Management, Military
Personnel Administration

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED MANNED STRATEGIC AIRCRAFTSee also

Airplane Type--B-1

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT

AMST: The nail on the shelf. illus tab Govt Exec 10: 37-38+ Feb '78

DOD kills USAF AMST program as Soviets unveil their own. illus tab Armed Forces J Intl 115: 15-16 Feb '78

The disappearance of "airlift enhancement." David Harvey. illus Def & For Aff Dig 6, No. 2:38-39 '78

Funds OK'd for AMST selection. illus AF Times 39:18 Nov 20 '78

(Sen Sam) Nunn to Army: Build a flying tank, not AMST. illus Armed Forces J Intl 115:12 Apr '78

ADVANCED RESEARCH PROJECTS AGENCY see Defense Advanced Research Projects Agency

ADVANCED SURFACE MISSILE SYSTEM see Missile Type--Aegis

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBSUnited States

The only way to fly. LtCol Matthew A. Howard. illus Soldiers 33:24-25 May '78

Support your local aero club. TIG Brief 30:17 Sep 22 '78

AEROBATICS

Epidemiology of military air display accidents. W.J. McArthur and N.H. Haakonson. illus tabs Aviation, Space & Envmt Med 48:911-915 Oct '77

For the fun of flying. (Members of the Flying Circus give air shows with their vintage planes) James A. George. illus Airman 22:21-29 Oct '78

AEROBATICS - Continued

Requiem for a daredevil (Frank Tallman). Maj James G. Gibson II. illus MAC Flyer 25:6-7 Sep '78

AEROBICS see Physical FitnessAERODYNAMICS

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Engineer to pilot. (Lockheed airlifters and how they fly) (Interview with Jack Paterson) illus tabs MAC Flyer 25:10-13 Oct '78

Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78

Heavyweight bout with density altitude. illus USA Avn Dig 24:42-43 Apr '78; Adaptation. Aerosp Safety 34:20-21 Aug '78

Understanding fin stall. illus MAC Flyer 25:13-15 Sep '78

AEROFLOT

Expanding airlift capacity. (Soviet military report, 1) John Fullerton. Def & For Aff Dig 6, No. 3: 34-35+ '78

AEROMEDICAL EVACUATION

Protection of medical aircraft. Col Waldemar A. Solf, Ret. illus USA Avn Dig pt 1, 24:14-17 Apr '78; pt 2, 24:33-36 May '78; pt 3, 24:26-29 Jun '78; pt 4, 24:12-14 Jul '78

History

The development of aeromedical evacuation in the United States Air Force, 1909-1939. Robert F. Futrell. illus Am Avn Hist Soc J 23:212-225 Fall '78

Study and Teaching

'Take wounds--real sweat!' (Largest aeromedical evacuation field training exercise ever conducted by the Air Reserve Forces) TSgt Herman Kokojan. illus Air Reservist 31:12-14 Nov '78

AEROMEDICINE see Aviation MedicineAERONAUTICAL CHARTS

Aeronautical chart currency: An important factor in flight safety. TIG Brief 30:7 Aug 25 '78

AERONAUTICAL INSTRUMENTS

See also specific types of instruments, e. g., Altimeters

Big instrument. Regular feature in some issues of Combat Crew

Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78

F-4 fire warning lights. Bob Jensen. illus Interceptor 20:18-19 Aug '78

AERONAUTICAL LABORATORIES

Air Force develops mini-RPV: Engineers at WPAFB (Air Force Flight Dynamics) Laboratory hail potential of pilotless kamikaze plane under development. (Interview with Maj Walter S. Hoy, Ret) Jack Jones. illus Remotely Piloted Mag 6:16-17 Jan '78

AERONAUTICAL RATINGS

Rated supplement program winds down; surplus low. tab AF Times 38:22 Jan 30 '78

AERONAUTICAL RESEARCHUnited States

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

AERONAUTICAL SYSTEMS DIVISION

(Aeronautical Systems Division) Interview. LtGen George H. Sylvester. illus Mil Elect/Countermeasures 4:15+ Nov '78

AERONAUTICS

This heading is used for articles on technical and technological aspects of aviation and aircraft, both military and civilian; Airlines is used for articles on commercial air transportation companies; Flying is used for popular, nontechnical articles on the pleasures of flying.

See also

All-Weather Flying	Instrument Flying
Altitude Flying	Night Flying
Aviation	Visual Flying
Flight, Low-Altitude	

AEROSOLS

Aerosol cans: Potential bombs. TIG Brief 30:5 Aug 25 '78

AEROSPACE AUDIO-VISUAL SERVICE

Documentary requirements of Aerospace Audiovisual Service. TIG Brief 30:3 Jul 7 '78

AEROSPACE DEFENSE COMMAND

ADC's (Aerospace Defense Command) rarest warhorse. David R. McLaren. illus tab Interceptor 20:5-7 Aug '78

Adopted Green Mountain Boys (37th FIS, Ethan Allen AFB, Vt). Marty Isham. illus Am Avn Hist Soc J 23:204-211 Fall '78

Aerospace Defense Command. illus chart AF Mag 61:60-61 May '78

Masters of Air Defense: Best of the best. illus Interceptor 20:26-27 Jan '78

The meet (William Tell '78) ... a tradition. illus Interceptor 20:4-6 Nov '78

NORAD/ADCOM: A growing role in space. Edgar Ulsamer. illus AF Mag 61:28-33 Aug '78

William Tell 1978: The "T" is for Texas. tabs illus Natl Guard 32:20-22+ Nov '78

AEROSPACE EDUCATION FOUNDATION

Sheppard (AFB, Tex) courses 'mastered' for civilians. AF Times 38:45 Mar 6 '78

A year of vigorous growth. Robin L. Whittle. tabs AF Mag 61:74-75 Nov '78

AEROSPACE INDUSTRY AND TRADESee also

Aircraft Industry and Trade
Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

AEROSPACE INDUSTRY AND TRADE - Continued

Aerospace review. Regular feature in issues of Aerospace International

Aerospace world. Regular feature in issues of Air Force Magazine

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1977/78. John W.R. Taylor. illus AF Mag 61:18-26 Jan '78

Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78

Towards a century of aerospace development. Editorial. illus Interavia 33:1137-1138 Dec '78

The world of aerospace. Regular feature in issues of Interavia

International Aspects

International industrial cooperation. Allen Greenwood. illus NATO's Fifteen Nations 23:96-98 Apr-May '78

Major decisions ahead for German aerospace industry. illus tab Interavia 33:297-302 Apr '78

Germany (Federal Republic)

The German aerospace industry--past, present, problems. Erhard Heckmann. illus tabs NATO's Fifteen Nations 23:88-90+ Apr-May '78

Major decisions ahead for German aerospace industry. illus tab Interavia 33:297-302 Apr '78

Great Britain

The British aerospace scene. Derek Wood. illus tab Interavia 33:797-806 Sep '78

United States

At the Air Force Association: 1978 aerospace development briefings and displays. illus Aerosp Intl 14: 34-35+ Oct-Nov '78

The military/aerospace IC (Integrated Circuit) market, 1978. John D. Shea. tabs Mil Elect/Countermeasures 4:87-88 Apr '78

What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

AEROSPACE MEDICAL ASSOCIATION

(Annual directory and index) Aviation, Space & Envmt Med 49: entire issue Dec '78

Maj Sue Turner wins flight nurses E.A. Hoeffly Award. illus Aviation, Space & Envmt Med 49: 846 Jun '78

Minutes of 1978 Business Meeting, Aerospace Medical Association (May 8, 1978). Aviation, Space & Envmt Med 49:1134-1139 Sep '78

1978 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 49:932-936 Jul '78

Top flight nurse (BrigGen Claire M. Garrecht), surgeon (Maj Roger F. Landry) honored. illus AF Times 38:70 May 22 '78

AEROSPACE MEDICAL ASSOCIATION - ContinuedDirectories

(Annual directory and index) Aviation, Space & Envmt Med 49: entire issue Dec '78

AEROSPACE MEDICINE see Aviation Medicine; Space Medicine

AEROSPACE POWERSee also

Air Defenses

Implications of new technologies for air power. Air Commodore M. J. Armitage. Royal Air Forces Qtr 18:6-10 Spring '78

Towards a century of aerospace development. Editorial. illus Interavia 33:1137-1138 Dec '78

Peaceful Applications

Good neighbor! Jim MacMaster. illus map Air Reservist 29:15 Mar '78

FranceHistory

France's search for American military aircraft: Before the Munich crisis. John McVickar Haight, Jr. illus Aerosp Hist 25:141-152 Sep '78

Great Britain

The projection of air power: Contradictions and resolution. GpCapt R. A. Mason. Royal Air Forces Qtr 18:215-219+ Autumn '78

NATO

Airpower--NATO's foremost deterrent. Edgar Ulsamer. illus AF Mag 61:24-30 Apr '78

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

In-flight refuelling: A key to operational effectiveness. Alvin Perrin. illus map Intl Def Rev 11, No. 4:565-568 '78

Russia

Soviet aerospace almanac. illus charts tabs AF Mag 61:33-58+ Mar '78

Soviet frontal aviation: Rising star over the FEBA (Forward Edge of the Battle Area). John Fullerton. illus Def & For Aff Dig 6, No. 9:56-59+ '78

Soviet tactical airpower. Colin S. Gray. illus tab NATO's Fifteen Nations 23:46-48+ Aug-Sep '78

United States

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61: 28-35 Feb '78

History

Edgar Gorrell's concept of air war. Gen Laurence S. Kuter, Ret. illus AF Mag 61:80-82 Apr '78

George C. Marshall, architect of airpower. Gen Laurence S. Kuter, Ret. illus AF Mag 61:65-67 Aug '78

AEROSPACE RESCUE AND RECOVERY SERVICE

AARS '77 mark: 618 saved. AF Times 38:34
Jan 30 '78

Aerospace Rescue and Recovery Service (ARRS) mission summary. TIG Brief 30:10 May 12 '78

Aerospace Rescue and Recovery Service (ARRS) mission summary. TIG Brief 30:20 Dec 1 '78

Aerospace Rescue and Recovery Service mission summary. TIG Brief 30:12 Apr 14 '78

Aerospace Rescue and Recovery Service mission summary. TIG Brief 30:6 Sep 8 '78

Aerospace Rescue and Recovery Service mission summary. TIG Brief 30:15 Oct 6 '78

Aerospace Rescue and Recovery Service mission summary. TIG Brief 30:7 Nov 3 '78

Hunting for trouble. (Weather reconnaissance crews of the Aerospace Rescue and Recovery Service). illus MAC Flyer 25:13-15 Jan '78

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

They (pararescuemen) risk their lives 'that others may live.' 1st Lt D. Rick Douglas. illus AF Mag 61:84-87 Oct '78

Water survival in the desert? Capt LeRoy Goodman. illus Air Reservist 29:14 Mar '78

Statistics

Aerospace Rescue and Recovery Service mission summary. TIG Brief 30:7 May 26 '78

AFGHANISTANStrategic Importance

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan. 6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7: 14-16+ '78

AFRICA

Conspiracy against Africa. Maj Yu. Gavrilov. Soviet Mil Rev No. 9:50-51 Sep '78

Cuban strategy in Africa: The long road of ambition. Roger W. Fontaine. illus Strat Rev 6:18-27 Summer '78

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77; pt 2, 3:50+ Dec '77-Jan '78

Foreign RelationsRussia

Soviet imperialism in Africa. Julian Amery. illus map NATO's Fifteen Nations 23:28-30+ Jun-Jul '78

Politics and Government

Africa in struggle and creative effort. L. Yablochkov and V. Dmitriyev. illus Soviet Mil Rev No. 4:52-54 Apr '78

AFRICA, EAST

Lessons of Ogaden. V. Yefremov. Soviet Mil Rev No. 6:50-51 Jun '78

The Soviet-Cuban presence in the Horn of Africa. Lawrence Whetten. illus RUSI J for Def Studies 123:39-45 Sep '78

AFRICA, SOUTH

Here are entered articles on the southern region of Africa. For the country of South Africa see South Africa (Republic).

Angola, national liberation, and the Soviet Union. Daniel S. Papp. illus Parameters 8:26-39 Mar '78

Bophuthatswana: Africa's youngest state. John Fullerton. Def & For Aff Dig 6, No. 1:48 '78

Conflict in southern Africa: A debate. Kenneth Adelman and Gerald J. Bender. Intl Sec 3:67-122 Fall '78

Strategic Importance

Africa and Western lifelines. W.C.J. van Rensburg. illus tab Strat Rev 6:41-50 Spring '78

AGE

AF-wide impact ahead in over-40 bias case. AF Times 38:6 Apr 10 '78

AGRICULTURESee also

Airplanes in Agriculture
Helicopters in Agriculture

United States

How SNOTEL (SNOW TELelemetry) could help solve several government problems. Govt Exec 10:25+ Dec '78

AIDES

Mr Alexander's civilian backup. LtCol Mel R. Jones, Ret. illus Army 28:55-57 Jun '78

AIR ASSAULT CONCEPT

AH-64: The U.S. Army's advanced attack helicopter. J. Philip Geddes. illus tabs Intl Def Rev 11, No. 8: 1247-1252 '78

101st Airborne Division (Air Assault). Lt Bruce S. Jasurda. illus Infantry 68:16-19 May-Jun '78

The "L-plane plan," Air Assault I/II, and the long wait. CW2 Jon F. Langlone. illus USA Avn Dig 24: 24-25 Jun '78

AIR BASE DEFENSESee also

Disaster Control

Countering the threat to airbases. Yves Robins. illus Aerospace Intl 14:6+ Feb-Mar '78

Who is responsible for air base survivability? TIG Brief 30:9 Mar 3 '78

AIR BASESSee also

Inactivation of Installations and Units--Armed Forces Tenant Units

ConstructionHistory

The airpower tower (at Randolph AFB, Tex). Capt Bob McCullough. illus Airman 22:30-33 Oct '78

Laws and Regulations

On-base business enterprises. TIG Brief 30:12 Mar 31 '78

AIR BASES - ContinuedSpain

Spanish transports at Getafe (AFB). José Luis González Serrano. illus Air Pict 40:52-53 Feb '78

United States

Air bases are entered by name and location as given by the U. S. Organization Chart Service's U. S. Military and Government Installation Directory.

The 1977 Air Force Design Awards. illus AF Engrg & Svcs Qtr 19:17 Feb '78

Directories

A guide to Air National Guard bases. AF Mag 61: 156-158 May '78

Guide to USAF bases (and stations) at home and abroad. map AF Mag 61:147-155 May '78

Latest 'Guide to Major CONUS Bases' (with units and aircraft). AF Times 39:47 Nov 6 '78

Latest guide to U.S. bases (with organizations and weapon systems). AF Times 38:48 May 1 '78

Altus AFB, Okla

Do it in Oklahoma? Capt James J. Lawrence. illus Aerosp Safety 34:6-11 Aug '78

Beale AFB, Calif

Where the high flyers go. James A. George. illus Airman 22:22-31 Sep '78

Blytheville AFB, Ark

A legacy of safety. (20 years of flying safety for the 97th Bombardment Wg, Blytheville AFB, Ark) Capt Thomas N. McKnight, Jr. illus Combat Crew 28:8-11+ Sep '78

Chanute AFB, Ill--History

Chanute Air Force Base marks its Diamond Jubilee. Thomas S. Snyder. illus tabs Am Avn Hist Soc J 23:120-128 Summer '78

Davis-Monthan AFB, Ariz

No bones to speak of. (Military Aircraft Storage and Disposition Center, Davis-Monthan AFB, Ariz) illus Airman 22:20-25 Jun '78

Edwards AFB, Calif

Blending with the earth. (An artist inspires a base landscaping plan where colors, gardens, and sculptures harmonize with the desert) Maj Joseph E. Malloy. illus Airman 22:27-29 Mar '78

Eglin AFB, Fla

The Eglin (AFB, Fla) real-time computer system. George C. Suydan. illus Def Sys Mgt Rev 1:54-58 Summer '78

New Arrivals--an operation of human concern and compassion. (Vietnamese refugees at Eglin AFB, Fla) William D. Shaver. illus Aerosp Hist 25: 19-24 Mar '78

Francis E. Warren AFB, Wyo

SAC's 90th SMW (Strategic Missile Wing) demonstrates safety in action. illus Combat Crew 28: 4-7+ Feb '78

AIR BASES - ContinuedUnited States - Cont'dFrancis E. Warren AFB, Wyo--History

Return of the long knives. (Cavalry unit, 5th Cavalry (Reorganized), at Warren AFB, Wyo, is unofficial tribute to the history of the base and area) James A. George. illus Airman 22:42-48 Feb '78

Keesler AFB, Miss

9000 foreign students trained at Keesler (AFB, Miss). AF Times 38:34 Feb 20 '78

Kelly AFB, Tex

Se habla español. (Mexican-American contributions at Kelly AFB, Tex) SMSgt Harold Newcomb. illus Airman 22:11-16 Sep '78

Lackland AFB, Tex--History

The USAF's Korean War recruiting rush and the great tent city at Lackland Air Force Base (Tex). Larry Benson. illus tab Aerosp Hist 25:61-73 Jun '78

Malmstrom AFB, Mont

Airfield overview: Malmstrom AFB (GFA) Great Falls, Montana. Capt Steve Randle. illus Interceptor 20:12-14 Aug '78

Minot AFB, ND

Minot (AFB, ND) deploy. Capt James R. Boensch. illus Combat Crew 28:13-15 Oct '78

Moody AFB, Ga

When Moody got bluer. (TAC adds Reserves to its maintenance, munitions, and aircrew forces at Moody AFB, Ga, in a test program) Maj Terry A. Arnold. illus Airman 22:9-13 Aug '78

Mountain Home AFB, Idaho

A home at Mountain Home. James A. George. illus Airman 22:39-44 Jan '78

Nellis AFB, Nev

When you've got \$40M to spend: Nellis (AFB, Nev) procurement. AF Times 38:40 Feb 20 '78

Peterson AFB, Colo

Airfield overview: City of Colorado Springs Muni, Peterson AFB, (COS). Maj Lionel P. Johnson. illus Interceptor 20:20-22 Feb '78

Randolph AFB, Tex--History

The airpower tower (at Randolph AFB, Tex). Capt Bob McCullough. illus Airman 22:30-33 Oct '78

Scott AFB, Ill

MAC 'traces' energy costs. SSgt Tim Cunningham. AF Times 39:31 Sep 11 '78

Tyndall AFB, Fla

Tyndall AFB (PAM), Panama City, Fla. Capt Bill Rutledge. illus Interceptor 20:10-12 Apr '78

Vandenberg AFB, Calif

Countdown for safety--the 1st STRAD (STRategic Aerospace Division). illus Combat Crew 28:4-7+ Jul '78

AIR BASES - ContinuedUnited States - Cont'dWilliams AFB, Ariz

Teaching the world to fly. (Williams AFB, Ariz, trains pilots from many nations) Maj Terry A. Arnold. illus Airman 22:20-25 Jan '78

Wright-Patterson AFB, Ohio

W(right)-P(atterson, AFB, Ohio) expands energy monitoring. AF Times 38:51 May 1 '78

AIR BASES, AMERICANDirectories

USAF's major bases overseas. AF Mag 61:155 May '78

Asia

Airpower and U.S. interests in the Pacific. Gen T.R. Milton, Ret. illus AF Mag 61:130-134+ Sep '78

Bahama Islands

One man is an island. (Only one military person is assigned to Grand Bahama Island Auxiliary Airfield) Capt Dick Sheffield. illus Airman 22:16-19 Jan '78

Germany (Federal Republic)

Only the beginning. Steve Abbott. illus Soldiers 33: 27-31 Dec '78

Great Britain

'Tell them you (a woman Reservist) train in England.' SSgt Anja Carr. illus Air Reservist 29:8-9 Mar '78

Italy

Writing the epilogue. (Aviano AB, Italy, sees good results from earthquake aid) Airman 22:49 May '78

JapanHistory

Sayonara, Tachikawa (AB, Japan)--the 'Grand Central Station' of the Far East fades away. Hal Drake. illus AF Times, Times Magazine sup:22-24 Dec 11 '78

Pacific Region

Airpower and U.S. interests in the Pacific. Gen T.R. Milton, Ret. illus AF Mag 61:130-134+ Sep '78

AIR BASES, ARMYUnited StatesHistory

Army air power in the Pacific Northwest, 1920-1940. William H. Freeman, Jr. illus Aerosp Hist 25: 167-175 Sep '78

AIR CADETS see Aviation Cadet ProgramAIR CARGOSee also

Hazardous Substances--Transportation

AIR CARGO - Continued

Air cargo market: An opportunity for improved airline profitability. illus tabs Interavia 33:923-924 Oct '78

Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness COMMAND) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78

LOTS (Logistics Over The Shore) ALOC (Air Lines Of Communication). MSgt Gerald H. Smith. illus Air Reservist 30:10-11 Sep '78

More than you bargained for. Maj James G. Gibson II. illus MAC Flyer 25:13-15 Dec '78

The new Air France cargo terminal--a blueprint for the future? illus Interavia 33:925-926 Oct '78

Service: What MATCO (Military Air Traffic Coordinating Office) is all about. LtCol Ralph C. Lechner. illus Translog 9:6-8 Mar '78

A taste of paradise. (MAC crews deliver vital supplies to New Zealand, Australia, and other areas) MSgt David B. Drachlis. illus Airman 22:11-17 Nov '78

Equipment

System 463L pallet control. TIG Brief 30:10 Nov 17 '78

AIR CAVALRY

Air cavalry. LtCol Donald R. Martin. Armor 87:36-38 Jul-Aug '78

Air Cavalry attack troop. Capt Gordon E. Sayre, Jr. tabs USA Avn Dig 24:12-19 Nov '78

FIST takes to the air. Col James F. McCarthy, Sr and Maj Jim S. Hutchinson. illus Fld Arty J 46: 25-27 Nov-Dec '78

Scouts out. BrigGen David K. Doyle and Maj William V. Chiaramonte. illus Armor 87:30-34 Sep-Oct '78

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. (Reprinted from Armor, Nov-Dec 1977) illus USA Avn Dig 24:30-36 Jan '78

AIR COMMANDOS

When Lions and Eagles meet. Capt Lee R. Jenkins and SP5 William J. Pickett. illus Soldiers 33:45-48 Nov '78

AIR CREWS

See also specific kinds of crew members, e.g.,

Navigators
Pilots
Radio Operators

The advanced attack helicopter challenge. LtCol David L. Funk. illus Armor 87:16-22 Jan-Feb '78

Aircrew judgment--not gone or forgotten. Capt David V. Froehlich. Aerosp Safety 34:24-25 Aug '78

Aircrew manning requirements. TIG Brief 30:17 Sep 22 '78

Behavior therapy and the treatment of flight phobia. John E. Carr. tab Aviation, Space & Envmt Med 49:1115-1119 Sep '78

AIR CREWS - Continued

Bleeding duodenal ulcer and the flier. Russell B. Rayman. tabs Aviation, Space & Envmt Med 49:1231-1234 Oct '78

Cooperate and survive. Col Ruel J. Neeley. illus MAC Flyer 25:3-4 Oct '78

Crew behavior in accident causation. Robert E. Yanowitch. tabs Aviation, Space & Envmt Med 48:918-921 Oct '77

Crew coordination. Maj Roger L. Jacks. illus Aerosp Safety 34:4-6 Dec '78

Crew coordination ... in the heavies. Maj John D. Woodruff. illus Aerosp Safety 34:14-15 Jan '78

Crew rest in Reserve/Guard components. J. Scott Bond. illus tab USA Avn Dig 24:11+ Aug '78

Crew rest limits and intent. TIG Brief 30:10 May 26 '78

DOD wants women on ships (and in flight crews). AF Times 38:18 Mar 13 '78

The dangerous art of doing nothing. Col James G. Jones. illus TAC Attack 18:10-13 May '78

Fight outnumbered--not outmanned! LtCol Jerry Hipp. USA Avn Dig 24:24-25 Oct '78

Flight duty and crew rest limitations are for a purpose. TIG Brief 30:7 Apr 28 '78

Gunship. Capt Benjamin C. Pittman. illus Navigator 25:25-27 Winter '78

A letter to aircrews on life support equipment. TIG Brief 30:7 Aug 4 '78

PNAF (Prime Nuclear Airlift Force) crews need your support. TIG Brief 30:8 Sep 22 '78

Volunteers needed in EM flying jobs. Len Famiglietti. AF Times 39:4 Aug 21 '78

Education and Training

ATM (Aircrew Training Manuals): A better way to train. Capt Ronald Cox. USA Avn Dig 24:28-30 Aug '78

Air Force training in the 80's. (Remarks, National Security Industrial Assoc, San Francisco, July 11, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No. 10:27-32 Oct '78

Air-to-air multi-threat planning. Capt Ronald E. Keys. illus USAF Ftr Wpns Rev, pp 2-6, Spring '78

Aircrew training. TIG Brief 30:12 Aug 25 '78

Analogies and implications from fixed wing ACM (Air Combat Maneuvering). George Haering. illus tab USA Avn Dig 24:7-11 Apr '78

Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78

Busy Observer I (Strategic Air Command missions flown in support of ocean surveillance and reconnaissance). 1stLt Milton Nielsen. illus Navigator 25:20-22 Winter '78

Do it in Oklahoma? Capt James J. Lawrence. illus Aerosp Safety 34:6-11 Aug '78

AIR CREWS - ContinuedEducation and Training - Cont'd

Home station training realism. TIG Brief 30:9 Nov 3 '78

Low angle bombing. Maj Alex Harwick. illus USAF Ftr Wpns Rev, pp 15-17+, Spring '78

Low level. Capt Pete Abler. TAC Attack 18:18-19 Feb '78

No Utopias here. Capt Len Kaufman. illus TAC Attack 18:22-23 Nov '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

Red Flag: Little impact on aircraft loss rate. Len Famiglietti. AF Times 39:4 Sep 18 '78

Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78

AIR CUSHION VEHICLES

The advanced patrol boat--a new range of surface effect ships from Bell-Halter. illus tabs Intl Def Rev 11, No. 9:1477-1479 '78

A letter to the SecDef; SES decision pending. L. Edgar Prina. illus Sea Power 21:30-32 Nov '78

Rigid-sidewall craft from Hovermarine. Derek Wood. illus tabs Intl Def Rev 11, No. 9:1480-1481 '78

SecDef (Brown) canceled ship program because it wouldn't outrun an airplane. illus Armed Forces J Intl 115:9 Jun '78

Strengthening the weakest link. Leo P. Cuccias. illus map Sea Power 21:21-25 Apr '78

Too much, too soon? The Army's hovercraft experiment. MajGen F. J. Plaskett. illus RUSI J for Def Studies 123:51-56 Sep '78

AIR DEFENSE COMMAND see Aerospace Defense CommandAIR DEFENSE SUPPRESSION see Defense SuppressionAIR DEFENSESSee also
Missile Defense
Warning Systems

An AA Bn in an offensive battle. Col V. Subbotin. Soviet Mil Rev No. 11:15-17 Nov '78

Air defence of units in the field. John Marriott. tabs Army Qtr 108:21-30 Jan '78

The Gepard AA tank--a technical solution to a tactical problem. G. Löwe. illus tab Intl Def Rev 10:1083-1086 Dec '77

Modern air defense. Col H. J. Braune. illus Aerosp Intl 14:4-6+ Jun-Jul '78

"Target bearing"--GCI (Ground-Controlled Interception) has come a long way. Capt Pamela Sexton. illus Interceptor 20:5-11 Jul '78

History

History of air defense. Regular feature in issues of Air Defense Magazine

AIR DEFENSES - ContinuedEurope, Western

The projection of air power; Contradictions and resolution. CpCapt R.A. Mason. Royal Air Forces Qtr 18:215-219+ Autumn '78

Great Britain

Britain and AST (Air Staff Target) 403. illus Intl Def Rev 11, No.3:341-344+ '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No.6: 865-869 '78

United Kingdom air defence in the environment of NATO. ACM David Evans. illus NATO's Fifteen Nations 23:24-26+ Aug-Sep '78

Iceland

Chasing the Bear. (USAF 57th Fighter Interception Sq intercepts Russian planes near Iceland) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:2-7 Oct '78

NATO

Air defense against future threats. MajGen John J. Koehler, Jr. illus Natl Def 63:43-47 Jul-Aug '78; Air Def Mag, pp 10-13, Jul-Sep '78

Britain and AST (Air Staff Target) 403. illus Intl Def Rev 11, No.3:341-344+ '78

C3--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No.6:860-864 '78

Competition speeds DIVAD (DIVision Air Defense gun system). Edward E. Berry. illus Natl Def 62: 532-533+ May-Jun '78

Cruise missiles and their implications for Western European defence. WgComdr D.J. Loveridge. Royal Air Forces Qtr 18:34-43 Spring '78

F-15 and the air defense of Europe. Charles Gilson and Dan Boyle. illus Intl Def Rev 11, No.5:696-700 '78

Germany's TKF 90 project. illus tabs Intl Def Rev 11, No.3:337-341 '78

Ground environment for the future: The air defence of Allied Command Europe. Air Commodore E.B. Sismore. illus NATO's Fifteen Nations 23:58-60+ Aug-Sep '78

In-flight refuelling: A key to operational effectiveness. Alvin Perrin. illus map Intl Def Rev 11, No.4:565-568 '78

Land based surface-to-air weapons. John Marriott. illus tabs NATO's Fifteen Nations 23:32-34+ Aug-Sep '78

NATO's new cautious optimism. Edgar Ulsamer. illus AF Mag 61:37-42 Jun '78

Roland: Exchange of expertise. illus Natl Def 62: 549-550+ May-Jun '78

Spain's Combat Grande. AVM Stewart Menaul. illus Def & For Aff Dig 6, No.3:14-15 '78

Tactical air war thinking. David Harvey. illus Def & For Aff Dig 6, No.1:28-29 '78

AIR DEFENSES - ContinuedNATO - Cont'd

Tactical airpower on the battlefield of tomorrow: The search for a mission. Charles J. Dick. tab RUSI J for Def Studies 123:42-45 Jun '78

United Kingdom air defence in the environment of NATO. ACM David Evans. illus NATO's Fifteen Nations 23:24-26+ Aug-Sep '78

North AmericaSee also

North American Air Defense Command

Russia

Air defense of Soviet ground forces. Col Daniel K. Malone. illus tab AF Mag 61:78-83 Mar '78

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Defense against airmobility (a doctrinal void). Maj Kerry L. Hines. illus Air Def Mag, pp 26-29, Apr-Jun '78

Downing of Korean 707 airliner points up strategic differences. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:11-12 Jun '78

The resurgence of Soviet frontal aviation. LtCol Lynn M. Hansen. illus Strat Rev 6:71-81 Fall '78

Soviet helicopters: A threat to the forward Army area. Capt Kenneth M. Matwiczak. illus tab Air Def Mag, pp 26-29, Oct-Dec '77

The Soviet Naval Air Force--development, organization and capabilities. Peter H. Rasmussen. illus Intl Def Rev 11, No.5:689-695 '78

Soviet tactical airpower. Colin S. Gray. illus tab NATO's Fifteen Nations 23:46-48+ Aug-Sep '78

Troops of national air defense. William F. Scott. tab illus AF Mag 61:56-58+ Mar '78

History

Air defense of the ground forces: A Soviet historical perspective. Col Daniel K. Malone. illus Air Def Mag, pp 8-13, Apr-Jun '78

Study and Teaching

Air operations at the "Berezina" exercise. LtGen P. Bazanov. illus Soviet Mil Rev No.11:18-19 Nov '78

Spain

Spain's Combat Grande. AVM Stewart Menaul. illus Def & For Aff Dig 6, No.3:14-15 '78

United StatesSee also

North American Air Defense Command

AWG-9/Phoenix--further improvements on the way. A.J. Wallis. illus tab Intl Def Rev 11, No.6:892-896 '78

The 31st Air Defense Artillery Brigade. Capt C.E. Kirkpatrick. illus Air Def Mag, pp 8-13, Oct-Dec '77

Air defense at a crossroads. Gen T.R. Milton, Ret. AF Mag 61:40 Feb '78

AIR DEFENSES - ContinuedUnited States - Cont'd

- The Air Force connection. Air Def Mag, p 41, Jul-Sep '78
- Airborne air defense artillery weapons system. Capt Edward H. Littlejohn III. illus USA Avn Dig 24:2-7 Mar '78
- Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78
- The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78
- Defense suppression as a basic operational mission. LtCol David Brog. illus tab AU Rev 29:9-12 Mar-Apr '78
- Downing of Korean 707 airliner points up strategic differences. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:11-12 Jun '78
- Fleet air defense. Harold Moss. illus tab Natl Def 63:43-45+ Nov-Dec '78
- JFK and LBJ consider aerospace defense. Gen Lawrence S. Kuter, Ret. illus Aerosp Hist 25:1-4 Mar '78
- (New Army air defense system--Patriot) Signal 32:71 Apr '78
- SHORAD (SHort Range Air Defense) requirements of the Armored Cavalry Regiment. Maj William F. Daugherty. illus tabs Air Def Mag, pp 7-11, Jan-Mar '78
- Sea role said more vital than air. AF Times 38:23 Jun 12 '78
- Today's fighter radars: Big changes ahead. Yves Robins. illus Aerosp Intl 14:4-6+ Oct-Nov '78

Equipment

- Man-portable air defense systems: A comparison. Capt Rhoi M. Maney. illus Air Def Mag, pp 19-23, Oct-Dec '77

Organization

- Division air defense 1985. Col William O. Staudenmayer. illus Air Def Mag, pp 7-10, Oct-Dec '78

Study and Teaching

- Notes from an aggressor pilot. Capt A. Lee Harrell. illus Air Def Mag, pp 14-17, Apr-Jun '78

Warsaw Pact

- The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

- Air Forces of the world--1978. illus tabs Interavia 33:239-251 Mar '78; Errata. 33:277 Apr '78

AIR FORCE - ContinuedDivisions, Wings, Groups, etc

See also specific types of units, e.g.,

Aeromedical Evacuation Units
Airlift Units
Bomber Units
Fighter Units
Missile Units
Transportation Units

Statistics

- Average strength of military formations. London's International Institute for Strategic Studies. Table only. AF Mag 61:124 Dec '78

Great Britain--History

- "Two Xs, one, X": History of No. 29 Squadron, RAF. J.D.R. Rawlings. illus Air Pict 40:68-71 Feb '78

United States

- Keeping the morning calm. (1st Signal Brigade in Korea) Col James L. Young. illus Signal 32:52-56+ Feb '78
- LOTS (Logistics Over The Shore) ALOC (Air Lines Of Communication). MSgt Gerald H. Smith. illus Air Reservist 30:10-11 Sep '78
- Notes from an aggressor pilot. Capt A. Lee Harrell. illus Air Def Mag, pp 14-17, Apr-Jun '78
- 'Variety's the very spice of life': Rescue; Civil Engineering; Maintenance; Tactical fighter; Air refueling; Medical; Combat communications; Recruiting; Combat support. TSgt Steven A. Landry and others. illus Air Reservist 30:12-18 Oct '78
- 208th (Weather Flt) 'tells the Army when to fly!' Maj Neal M. Gendler. illus Air Reservist 29:9-10 Feb '78
- 920th (Weather Reconnaissance Gp) flies into hurricanes. Capt Dennis R. Boxx. illus Air Reservist 29:8-9 Feb '78

United States--History

- Ground crew. Francis J. Johnston. illus Aerosp Hist 25:244-252 Dec '78

United States--History--Bibliography

- The USAF over Europe and its foes: A selected, subjective, and critical bibliography. Kenneth P. Werrell. illus Aerosp Hist 25:231-233+ Dec '78

ChileHistory

- An official history of the Chilean Air Force. Office of the Commander in Chief, Dept of Public Relations, Chilean Air Force, trans by Joel Boone. illus Aerosp Hist 25:25-30 Mar '78

Finland

- The Finnish Air Force. John B. Mowinski and Paul A. Thompson. illus tab map Air Pict 40:100-105 Mar '78

FranceHistory

- France's search for American military aircraft: Before the Munich crisis. John McVickar Haight, Jr. illus Aerosp Hist 25:141-152 Sep '78

AIR FORCE - ContinuedGermany (Federal Republic)

Germany's TKF 90 project. illus tabs Intl Def Rev 11, No.3:337-341 '78

Great Britain

Crystal ball, Mark I (short range). ACM Christopher Foxley-Norris. Army Qtr 108:14-20 Jan '78

The (Flying) Tigers who roared. (TAC unit wins the RAF Strike Command's 1977 Tactical Bombing and Navigation Competition) MSgt Dennis Sweatt. illus Airman 22:2-7 Apr '78

I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78

Joyride in a Jetstream. (Flying with the RAF today, no.13) Roger Lindsay. illus Air Pict 40:16-20 Jan '78

Offshore Tapestry--the RAF's first year. WgComdr T.C. Flanagan. illus map Royal Air Forces Qtr 18:111-121 Summer '78

The projection of air power: Contradictions and resolution. GpCapt R.A. Mason. Royal Air Forces Qtr 18:215-219+ Autumn '78

The RAF--a balanced force or part of a balanced NATO force? WgComdr M.J.F. Shaw. Royal Air Forces Qtr 18:75-79 Spring '78

Tornado flight testing--RAF experience so far. WgComdr Clive Rustin and others. illus Royal Air Forces Qtr 17:318-326 Winter '77

History

Aviation in the Sudan--before independence. John Hunt. illus Air Pict 39:482-485 Dec '77

Fifty years in flying. AM Geoffrey Tuttle. illus Royal Air Forces Qtr 18:140-152 Summer '78

Trenchard's manning revolution. D.J. James. illus Royal Air Forces Qtr 17:378-383 Winter '77

Organization--History

The branch structure of the RAF. John James. tabs Royal Air Forces Qtr 18:249-257 Autumn '78

Israel

New role for Israeli Air Force? Bonner Day. illus AF Mag 61:34-39 Aug '78

Italy

The AerMacchi 339 to enter service shortly. Marc Grangier. tab illus (Also cutaway) Interavia 33: 519-522 Jun '78

NATO

NATO's dispersal capability--a fatal flaw? WgComdr Peter P.W. Taylor. illus Royal Air Forces Qtr pt 1, 18:11-17 Spring '78; pt 2, 18:173-178 Summer '78

The RAF--a balanced force or part of a balanced NATO force? WgComdr M.J.F. Shaw. Royal Air Forces Qtr 18:75-79 Spring '78

AIR FORCE - ContinuedNew Zealand

New Zealand's defence problems. Col Norman L. Dodd, Ret. illus map chart RUSI J for Def Studies 123:49-56 Jun '78

PolandHistory

The operational doctrine of the Polish Air Force in World War II: A thirty-year perspective. Michael A. Peszke. illus chart Aerosp Hist 23:140-147 Sep '76; Rebuttal: The truth about the operational doctrine of the Polish Air Force. Jerzy B. Cynk. Aerosp Hist 25:176-182 Sep '78

Russia

NATO's dispersal capability--a fatal flaw? WgComdr Peter P.W. Taylor. illus Royal Air Forces Qtr pt 1, 18:11-17 Spring '78; pt 2, 18:173-178 Summer '78

Soviet Air Force. CM P. Kutakhov. illus Soviet Mil Rev No.7:11-15 Jul '78

Soviet frontal aviation: Rising star over the FEBA (Forward Edge of the Battle Area). John Fullerton. illus Def & For Aff Dig 6, No.9:56-59+ '78

Troops of national air defense. William F. Scott. tab illus AF Mag 61:56-58+ Mar '78

History

Troops of national air defense. William F. Scott. tab illus AF Mag 61:56-58+ Mar '78

Organization

Organization of Soviet Armed Forces. charts AF Mag 61:89-91 Mar '78

The resurgence of Soviet frontal aviation. LtCol Lynn M. Hansen. illus Strat Rev 6:71-81 Fall '78

Sweden

B3LA design parameters established. illus Interavia 33:625-626 Jul '78

The JA37 Viggen: Air defence capability for the 1980s. illus tabs Interavia 33:621-624 Jul '78

Sweden's aerospace industry at the crossroads: How much capability is enough? John F. Brindley. illus tab Interavia 33:619-620 Jul '78

United States

AF lauded for suggestion program. AF Times 39:8 Oct 9 '78

Air and space C3. illus Mil Elect/Countermeasures 4:73+ Apr '78

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 61:132-145 May '78

An Air Force career. (Remarks, ROTC Dining-Out, East Texas State University, Commerce, Tex, Nov 18, 1977) BrigGen Christopher S. Adams, Jr. AF Plcy Ltr for Comdrs: Sup No.2:16-20 Feb '78

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

AIR FORCE - ContinuedUnited States - Cont'd

Air Force morale resists pressures. CMSAF Robert D. Gaylor. illus AF Mag 61:57-58 May '78

An Air Force outlook. (Remarks, North Dakota Newspaper Assoc Convention, Minot, ND, April 21, 1978) Gen David C. Jones. AF Pcly Ltr for Comdrs: Sup No. 6:2-8 Jun '78

Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. illus Armed Forces J Intl 115:12 May '78

Choice and commitment. Gen Lew Allen, Jr. illus AF Mag 61:64 Sep '78

Defense and cooperation: The USAF in Korea. (Remarks before Songtan-Up Chapter, Lions International, Feb 15, 1978) MajGen Robert C. Taylor. AF Pcly Ltr for Comdrs: Sup No. 5:24-27 May '78

The edge in the strategic balance. LtGen Richard L. Lawson. illus Combat Crew 28:2-3+ Aug '78

1100 get Senior NCO Academy bid. tab AF Times 39:17+ Oct 16 '78

Field graders rate high in satisfaction with AF. AF Times 38:4 Feb 27 '78

(Gen David C.) Jones becoming JCS chairman; (Gen Lew) Allen next Chief of Staff, USAF. illus Officer 54:10 Jun '78

Generals Jones and Allen to be JCS Chairman, USAF Chief (of Staff). Bonner Day. illus AF Mag 61:34-36 Jun '78

Girding for the long haul. Gen Lew Allen, Jr. illus AF Mag 61:52-54+ Nov '78

Just-a-job attitude concerns (Gen David C.) Jones. M.L. Craver. AF Times 38:4 Feb 20 '78

New Navy and Air Force leadership. illus Natl Def 63:5 Jul-Aug '78

No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78

Peace through total force readiness. (Remarks, Armed Forces Day luncheon, Harrisburg, Pa, May 18, 1978) LtGen Abbott C. Greenleaf. AF Pcly Ltr for Comdrs: Sup No. 8:24-33 Aug '78

Planning for the year 2000. John C. Stetson. illus AF Mag 61:50-51 Nov '78

Readiness and freedom. (Remarks, Air Force Sergeants Assoc International Convention, San Antonio, Tex, Aug 20, 1978) Gen John W. Roberts. AF Pcly Ltr for Comdrs: Sup No. 11:23-29 Nov '78

Report to the 95th Congress. (Statement to the House Armed Services Committee, Feb 7, 1978) John C. Stetson and Gen David C. Jones. tabs AF Pcly Ltr for Comdrs: Sup No. 4:2-19 Apr '78

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 12:3 Oct '78

Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61:28-35 Feb '78

Telling the Air Force story. (Speech, Public Relations Society of America, Albuquerque, NM, Dec 15, 1977) BrigGen H.J. Dalton, Jr. AF Pcly Ltr for Comdrs: Sup No. 3:24-31 Mar '78

AIR FORCE - ContinuedUnited States - Cont'd

USAF character is unchanged. Gen David C. Jones. illus AF Mag 61:53-54+ May '78

What AF wants Congress to pass. (Testimony before the House Armed Services Subcommittee) Antonia Chayes. AF Times 38:2 Mar 13 '78

History

The day they sank the Ostfriesland. TSgt David L. Youngman. (Reprinted from Airman, July 1950) illus Airman 22:6-8 Dec '78

Documentary requirements of Aerospace Audiovisual Service. TIG Brief 30:3 Jul 7 '78

General Benjamin Foulois and the 1934 air mail disaster--the time the "can do" attitude failed to deliver. John F. Shiner. illus Aerosp Hist 25:221-230 Dec '78

MajGen Hugh J. Knerr, hard campaigner for airpower. Murray Green. illus AF Mag 61:90-92 Oct '78

A memory in words. (USAF historical program) SMSgt Harold Newcomb. illus Airman 22:2-8 Jun '78

Neither snow, nor rain, nor gloom of night. BrigGen Ross G. Hoyt, Ret. map illus AF Mag 61:58-64 Jan '78

Props to jets. Col Francis S. Gabreski. (Reprinted from Airman, Aug 1957) illus Airman 22:17-20 Dec '78

Strategic airlift--an evolution and a revolution. William A. Kinney. (Reprinted from Airman, Aug 1970) illus Airman 22:30-33 Dec '78

Today's mighty Minuteman. William A. Kinney. (Reprinted from Airman, Feb 1969) illus Airman 22:39-43 Dec '78

History--Bibliography

The USAAF over Europe and its foes: A selected, subjective, and critical bibliography. Kenneth P. Werrell. illus Aerosp Hist 25:231-233+ Dec '78

Organization

Air Force Engineering and Services Center--a new focal point for worldwide activities. Interview. BrigGen Clifton D. Wright, Jr. illus chart AF Engrg & Svcs Qtr 19:18-21+ Nov '78

Air Force realignment of departmental headquarters. AF Pcly Ltr for Comdrs: Sup No. 7:38-40 Jul '78

Highlights of USAF departmental headquarters realignments. charts AF Mag 61:32-33 Jun '78

Highlights of USAF reorganization, April 12, 1978. AF Mag 61:91 May '78

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, and the separate operating agencies as of Aug 15, 1978) AF Mag 61:75-82 Sep '78

Statistics

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 61:132-145 May '78

AIR FORCE - ContinuedUnited States - Cont'dStatistics - Cont'd

Force loss of 5200 seen (all in EM ranks). tab AF Times 38:3 Feb 6 '78

Strength to hold during FY 78. AF Times 38:10 Feb 13 '78

Venezuela

Good neighbor! Jim MacMaster. illus map Air Reservist 29:15 Mar '78

AIR FORCE, 5th

Pacific Air Forces. tab illus chart AF Mag 61:76-77 May '78

AIR FORCE, 8th

Strategic Air Command. illus charts AF Mag 61:78-79+ May '78

AIR FORCE, 9th

Tactical Air Command. illus charts AF Mag 61:82-84 May '78

AIR FORCE, 12th

Tactical Air Command. illus charts AF Mag 61:82-84 May '78

AIR FORCE, 13th

Pacific Air Forces. tab illus chart AF Mag 61:76-77 May '78

AIR FORCE, 15th

Strategic Air Command. illus charts AF Mag 61:78-79+ May '78

AIR FORCE, 21st

Military Airlift Command. tab illus charts AF Mag 61:72-74 May '78

AIR FORCE, 22d

Military Airlift Command. tab illus charts AF Mag 61:72-74 May '78

AIR FORCE ACADEMY

AF hoping to get 5351 new officers. M.L. Craver. tab AF Times 38:2 Jan 16 '78

Academy athletics: Laboratory for leadership. Capt Anthony Lynn Batezel. illus AF Mag 61:146-150 Sep '78

Academy falconry pays off: It couldn't be done, they said, but was. Bill Madsen. illus AF Times 38:16 Jan 9 '78

Air Force Academy. illus AF Mag 61:112 May '78

Behold the man! (Officer-scientists at AF Academy are researching the Shroud of Turin) Robert K. Ruhl. illus Airman 22:14-18 May '78

Creating past and future skies in the (AF) Academy's 'time machine.' SrAmn Karen Hebson. illus AF Times 39:39 Aug 21 '78

Integrity at the Air Force Academy: The key ingredient. TIG Brief 30:11-12 Oct 20 '78

AIR FORCE ACADEMY - Continued

Sex integration of the U.S. Air Force Academy: Changing roles for women. Lois B. DeFleur and others. tabs Armed Forces & Soc 4:607-622 Summer '78

Solar energy program at the (AF) Academy. Cpts Anthony Eden and John T. Tinsley. illus tabs AF Engrg & Svcs Qtr 19:11-14 Feb '78

Standards of conduct. LtGen John P. Flynn. TIG Brief 30:1 Mar 17 '78; AF Times 38:14 Apr 3 '78

Talking with the man upstairs. (The USAF Academy Executive Writing Course travels to various agencies) Robert K. Ruhl. illus Airman 22:32-37 Mar '78

AIR FORCE ACCOUNTING AND FINANCE CENTER

Air Force Accounting and Finance Center. illus AF Mag 61:93 May '78

Directorate of Accounting & Finance. MajGen Lucius Theus. illus chart AF Compt 12:21+ Oct '78

JUMPS brings pay data to base level. Randy Moore. AF Times 38:4 Mar 27 '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:32-33 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:32-33 Apr '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 12:20-21 Jul '78

AIR FORCE AID SOCIETY

AFAS aids 8000 in 1977. AF Times 38:31 Jul 24 '78

More long-term aid is Aid Society's goal. Randy Moore. AF Times 39:6 Oct 23 '78

AIR FORCE ASSOCIATION

AFA: A unifying element. John C. Stetson. illus AF Mag 61:63 Sep '78

AFA Convention (Washington, Sep 18-22, 1977). illus Air Reservist 29:9-10 Nov '77

AFA policy paper: Defense manpower issues. AF Mag 61:43-46 Nov '78

AFA policy paper: Force modernization and R&D. AF Mag 61:40-43 Nov '78

AFA stance at odds with Service (in policy paper). AF Times 39:4 Oct 2 '78

AFA's committees and councils and policy advisors for 1978. illus AF Mag 61:92-94 Jun '78

AFA's most demanding peacetime year. Don Steele. illus AF Mag 61:76-81 Nov '78

AFA's 1978-79 Statement of Policy (adopted at Annual National Convention, Sep 18, 1978). AF Mag 61:38-39 Nov '78

AFA's 32d National Convention (Washington, Sep 17-21, 1978): A probing look at USAF's needs, Edgar Ulsamer. illus AF Mag 61:34-37 Nov '78

AIR FORCE ASSOCIATION - Continued

- Awards at the 1978 Air Force Association National Convention. illus AF Mag 61:58-59 Nov '78
- (LtGen James) Doolittle to keynote AFA convention. AF Times 39:12 Sep 18 '78
- MX advanced ICBM. (Air Force Assoc policy paper) AF Mag 61:2-3 Apr '78
- The most important thread. Capt Charles G. Tucker. illus tabs AF Mag 61:70-72 Nov '78
- NATO--on the road toward a 'coalition warfare' posture. (Report on Air Force Association's National Symposium on "Theater Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61:50-56 Jan '78
- Outstanding comptrollers: Maj General Scurlock wins AFA's Distinguished Award for Management. illus AF Compt 12: back cover Oct '78
- Saluting 75 years of powered flight: AFA Convention (Washington, Sep 17-20, 1978). TSgt Steven A. Landry. illus Air Reservist 31:10-11 Nov '78
- Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61: 28-35 Feb '78
- Twelve examples to follow. (Outstanding Airmen for 1978) Bonner Day. illus tab AF Mag 61:60-62 Nov '78

AIR FORCE AUDIT AGENCY

- Air Force Audit Agency. illus AF Mag 61:94 May '78
- Air Force Audit, Inspection, and Investigation Council (AFANIC). TIG Brief 30:10 Apr 14 '78
- Auditor General. BrigGen Joseph B. Dodds. illus chart AF Compt 12:36-37 Oct '78
- The military auditors--we need them. Richard M. Kuper. illus Armed Forces Compt 23:26-28 Nov '78
- Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:34-35 Jan '78
- Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:30-31 Apr '78
- Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:40-41 Jul '78
- Travel voucher irregularities. TIG Brief 30:26 Jul 7 '78

History

- The Air Force Audit Agency: 30 years in service to management. Capt Bryan J. Cory. tab illus AF Compt 12: back cover Jul '78

AIR FORCE AVIONICS LABORATORY

- Military electronics in the 1980s: Air Force. (Interview with Col James D. Everett) illus Mil Elect/Countermeasures 3:26+ Dec '77-Jan '78

AIR FORCE COMMISSARY SERVICES

- The Air Force goes to market. Capt M. Patricia Holden. illus Airman 22:11-15 Jul '78

AIR FORCE COMMISSARY SERVICES - Continued

- Commissary survey reflects significant savings. illus Review 58:28 Jul-Aug '78
- Consumer advocacy & Services. Maj Roy G. Kennington. illus AF Engrg & Svcs Qtr 19:27-28 Feb '78

AIR FORCE COMMUNICATIONS SERVICE

- Air Force Communications Service. illus chart AF Mag 61:62-63 May '78
- Introspective look at Air Force Communications Service (AFCS). MajGen Bob Sadler. TIG Brief 30: 1-2 Dec 15 '78

AIR FORCE DATA AUTOMATION AGENCY

- Air Force Data Automation Agency. illus AF Mag 61: 94-95 May '78
- Notes from the Director of Data Automation. BrigGen R.E. Chapman. AF Compt 12:30-31 Jul '78
- Notes from the Director of Data Automation. Col A.R. Mourges. illus AF Compt 12:36-37 Jan '78
- Notes from the Director of Data Automation. Col A.R. Mourges. illus AF Compt 12:34-35 Apr '78

AIR FORCE ENGINEERING AND SERVICES AGENCY
see Air Force Engineering and Services CenterAIR FORCE ENGINEERING AND SERVICES CENTER

- AF Engineering and Services Agency. illus AF Mag 61:95-96 May '78
- Air Force Engineering and Services Center--a new focal point for worldwide activities. Interview. BrigGen Clifton D. Wright, Jr. illus chart AF Engrg & Svcs Qtr 19:18-21+ Nov '78
- The changing role of the Air Force Services Office. Col Lewis G. Vale. illus AF Engrg & Svcs Qtr 19: 23-24+ Feb '78
- Consumer advocacy & Services. Maj Roy G. Kennington. illus AF Engrg & Svcs Qtr 19:27-28 Feb '78
- Directorate (of Engineering and Services) undergoing significant change. George K. Dimitroff. illus AF Engrg & Svcs Qtr 19:21-22 Aug '78

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

- Climatological assistance from the USAF Environmental Technical Applications Center. TIG Brief 30:22 May 12 '78

AIR FORCE HISTORICAL FOUNDATION

- The Air Force Historical Foundation--a 25th anniversary salute. Col James L. Cannell. Aerosp Hist 25:159 Sep '78
- Looking back ... with the AFHF. Pictorial. Aerosp Hist 25:163-165 Sep '78
- A memory in words. (USAF historical program) SMSgt Harold Newcomb. illus Airman 22:2-8 Jun '78
- Presidents of the Air Force Historical Foundation. illus Aerosp Hist 25:160-162 Sep '78

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Audit, Inspection, and Investigation Council (AFAIIC). TIG Brief 30:10 Apr 14 '78

Air Force Inspection and Safety Center. illus AF Mag 61:98 May '78

The shrinking circle. (The AF Inspection and Safety Center analyses aircraft accidents to see how they can be prevented) James A. George. illus Airman 22:32-37 Jul '78

Telephone system management. TIG Brief 30:7-9 Nov 17 '78

USAF studies being performed by AFISC. TIG Brief 30:8 Jan 6 '78

AIR FORCE INSTITUTE OF TECHNOLOGY

(AFIT) Civil Engineering School graduates 25,000th student. illus AF Engrg & Svcs Qtr 19:26 Feb '78

Are grad schools (Naval Postgraduate School and AFIT) needed, asks Hill. AF Times 39:7 Aug 14 '78

Bowing in, out. (MajGen Frank J. Simokaitis retires as Commandant of AFIT and Defense Institute of Security Assistance Management and MajGen Gerald E. Cooke assumes command of the two organizations) illus AF Times 38:26 May 15 '78

Civil Engineering School (AFIT) program. Col Oren G. Strom. illus AF Engrg & Svcs Qtr 19:3-6 Aug '78

A logistics school for all of defense. (AFIT's School of Systems and Logistics) Jerome G. Peppers, Jr. illus tab Def Mgt J 14:11-15 May '78

656 selected for AFIT. AF Times 38:24 Jan 23 '78

Curricula

Maintenance management education (at AFIT's School of Systems and Logistics). Maj Jerome G. Peppers, Jr, Ret. illus USA Avn Dig 24:30-32 Apr '78

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service. illus AF Mag 61:96-97 May '78

AIR FORCE LOGISTICS COMMANDSee also

Air Logistics Centers

AFLC program aimed at civilian drinkers. AF Times 38:12 Mar 6 '78

Air Force Logistics Command. illus chart AF Mag 61:64-65 May '78

The amazing MAZ. (AF's 2762d Logistics Sq, Special (MAZ) takes on special projects) Perry Sullivan. illus Airman 22:17-19 Feb '78

Bowing in. (LtGen Bryce Poe II takes command of Air Force Logistics Command) illus AF Times 38:24 Feb 20 '78

Deputy Program Manager for Logistics: The flexible manager. TIG Brief 30:12 May 12 '78

AIR FORCE LOGISTICS MANAGEMENT CENTER

Air Force Logistics Management Center. TIG Brief 30:12-13 Jan 6 '78

AIR FORCE MANAGEMENT ENGINEERING AGENCY

AF Management Engineering Agency. illus AF Mag 61:102 May '78

AIR FORCE MILITARY PERSONNEL CENTER

Air Force Military Personnel Center. illus AF Mag 61:105-106 May '78

New (computer) coding to provide more officer file input (at Military Personnel Center). AF Times 38:4 May 15 '78

Your 2¢ worth. (AF surveys of personnel help to make policy decisions) MSgt Fred Harrison. illus Airman 22:16-17 Apr '78

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
see Office of Special InvestigationsAIR FORCE SECURITY SERVICE

Silent came the strangers. (USAF Security Service holds a test at Luke AFB, Ariz) SSgt Mike Laughlin. illus Airman 22:2-6 Feb '78

USAF Security Service. illus AF Mag 61:90 May '78

AIR FORCE SERGEANTS ASSOCIATION

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus AF Times, Times Magazine sup:4-11 Jan 9 '78

AIR FORCE SOUTHERN AIR DIVISION (TAC)

Alive and operating in Latin America. SSgt Glenn S. Willerforde. illus Air Reservist 31:17 Nov '78

Panama present. TSgt Ken Peterson. illus Airman 22:24-29 Apr '78

Rotating the Canal (Zone). (Support for USAFSO) TSgt Kenneth Peterson. illus Air Reservist 29:12-13 Dec '77-Jan '78

AIR FORCE SPACE AND MISSILE TEST CENTER see Space and Missile Test CenterAIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,

Aeronautical Systems Division
Electronic Systems Division
Space and Missile Systems Command
Space and Missile Test Center

Air Force Systems Command. illus chart AF Mag 61:66-67 May '78

Comptroller activities at major commands: Hq Air Force Systems Command. BrigGen C.T. Spangrud. illus tabs AF Compt 12:4-7 Oct '78

How AF Systems Command tackles the future. C.W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

Software acquisition within Air Force Systems Command--a management approach. LtCol John J. Marciniak. illus tab Def Sys Mgt Rev 1:32-39 Summer '78

They're only human. (AF personnel and civilian volunteers are used to test human response to various types of aerospace stress) Capt Dick Sheffield. illus Airman 22:44-48 Nov '78

AIR FORCE TECHNICAL TRAINING CENTERS

Chanute (AFB, Ill) school (Technical Training Center) blazes hot path in firefighting. MSgt Dave Sheeder. illus AF Times 38:28 Jun 12 '78

Fire Protection Training School (Chanute AFB, Ill) program. Maj Robert L. Gott. illus AF Engrg & Svcs Qtr 19:12-15 Aug '78

Services Training School (Lowry AFB, Colo) program. Capt Ronald A. Royce. illus AF Engrg & Svcs Qtr 19:16-17 Aug '78

AIR FORCE TEST AND EVALUATION CENTER

Air Force Test and Evaluation Center. illus AF Mag 61:101-102 May '78

Aircraft operational test and evaluation. LtCol Michael J. Butchko. illus Def Sys Mgt Rev 1:94-109 Winter '77

Improving Air Force independent operational testing. MajGen Howard W. Leaf. illus Def Sys Mgt Rev 1:19-27 Winter '77

AIR FORCES IN EUROPE

Inspection triggers action at Lakenheath. TSgt Tom Stewart. illus AF Times 39:25 Nov 13 '78

Traveling tent show. (USAF maintains mobile units in Germany for tactical air control) SMSgt Harold Newcomb. illus Airman 22:32-38 Feb '78

United States Air Forces in Europe. illus tab chart AF Mag 61:86-87 May '78

AIR FORCES SOUTHERN COMMAND see Air Force Southern Air Division (TAC)AIR FREIGHT see Air CargoAIR-GROUND TRAINING

Carrying the TACP's (Tactical Air Control Parties) load. Maj B.M. Greeley. MarCor Gaz 62:20-21 May '78

JAWS (Joint Attack Weapons Systems). Maj Joe Beach. illus tab USA Avn Dig 24:44-47 Sep '78

JAWS (Joint Attack Weapons Systems) chew armor in new ways: Army-Air Force tests devise winning tactics. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:32-34 Jan '78

A little warthog in all of us. (Joint Attack Weapons Systems (JAWS) exercises) Capt John W. Lieberherr. illus USAF Ftr Wpns Rev, pp 10-11, Fall '78

Realistic combat training for the FMF (Fleet Marine Force). LtCol J.E. Stanton. illus MarCor Gaz 62:33-35 Apr '78

Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels. illus Air Reservist 29:14-15 Dec '77-Jan '78

Stabilizing the FSCC (Fire Support Coordination Center). Capt J.F. Gimber. MarCor Gaz 62:16-17 Oct '78

AIR LAND FORCES APPLICATION AGENCY

TAC-TRADOC dialogue. Gen Robert J. Dixon. illus charts Strat Rev 6:45-54 Winter '78

AIR LOGISTICS CENTERS

Materiel Deficiency Report (MDR) processing. TIG Brief 30:11 Mar 31 '78

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS see Air Logistics Centers

AIR MOBILITYSee also

Air Assault Concept

Air Cavalry

Close Air Support

Black Hawk enters production--LAMPS future unsure. Ramon Lopez. illus Intl Def Rev 11, No.8:1269-1274 '78

Defense against airmobility (a doctrinal void). Maj Kerry L. Hines. illus Air Def Mag, pp 26-29, Apr-Jun '78

Logistics air mobility. Col M. Belov. Soviet Mil Rev No. 11:22-23 Nov '78

Soviet helicopters: A threat to the forward Army area. Capt Kenneth M. Matwiczak. illus tab Air Def Mag, pp 26-29, Oct-Dec '77

We could fight outnumbered--offensively--and win! Maj Calvin C. Seybold. illus Mil Rev 58:35-40 Jun '78

AIR NATIONAL GUARD see National Guard--Air Force

AIR NAVIGATION see Navigation, Air

AIR POLICE see Military Police

AIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

ARPC (Air Reserve Personnel Center) urging Reserve officers to stay active. Officer 54:10 Dec '78

Air Reserve Personnel Center. illus AF Mag 61:106 May '78

Air Reserve Personnel Center records go from big package to shirt pocket size. Maj Garry E. Mitchellmore. Officer 54:15-16 Jan '78

Tight controls now on RRPS (Ready Reinforcement Personnel Section). Officer 54:16 Jan '78

AIR RETRIEVAL AND RECOVERY SYSTEMS

Kirtland (AFB, NM) crew grabs 'ideas' at 15,000 feet. John Clendenin. AF Times 39:27 Sep 11 '78

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR-SPEED

Improving the effectiveness of the military training route program. TIG Brief 30:11-12 Jun 23 '78

AIR STAFF

Jan 1 is deadline for ASTRA (Air Staff Training) bids. AF Times 39:32 Dec 11 '78

New Pentagon team. (Gen Lew Allen, Jr, Air Force Vice Chief of Staff succeeds Gen David C. Jones as Air Force Chief of Staff; Gen Jones to chair the Joint Chiefs of Staff) illus Air Reservist 30:4 Jul '78

Responsibility for followup. TIG Brief 30:9 Mar 17 '78

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service

AIR-TO-AIR RESCUE see Air Retrieval and Recovery Systems

AIR TRAFFIC CONTROL

Aircrew transient services evaluation form versus hazardous air traffic report. TIG Brief 30:14 Apr 28 '78

The art of listening. illus Combat Crew 28:6-7 Sep '78

Call signs, abbreviations, and mishaps. TIG Brief 30:11 Jul 7 '78

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

Danger area--look out! Capt William C. Kassen. illus Combat Crew 28:4-7+ Aug '78

Distraction--fatal, insidious, human. Maj Thomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78

Eurocontrol--still some light at the end of the tunnel. Dan Boyle. illus Interavia 33:72-73 Jan '78

Fly the OAT (Operational Air Traffic). Col Thomas H. Yates and Capt Terry W. Johnson. illus Aerosp Safety 34:10-11 May '78

Midair collision avoidance. Capt James J. Lawrence. illus Aerosp Safety 34:9-13 Jan '78

Modular radar display units: Versatility in air defence and ATC applications. R. Harnisch and others. illus Interavia 33:54-57 Jan '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

Programmed for landing. Capt Bruce L. Gumble. illus MAC Flyer 25:21-22 Feb '78

Sharing the air with military jets. illus map Aerosp Safety 34:1-3 May '78; Correction. 34:24 Oct '78

Too much talk and too little help. illus Approach 23: 16-18 Mar '78

VHF/UHF direction-finding in air traffic control. Franz Reinhold Huber. illus Interavia 33:146-147 Feb '78

What is a weapons controller? Capt Stephen D. Gray. TAC Attack 18:24 Jan '78

Study and Teaching

Use of path models to study a precareer air traffic control training program. James O. Boone. illus tabs Aviation, Space & Envmt Med 49:1203-1211 Oct '78

AIR TRAFFIC CONTROL - ContinuedTerminology

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B. Fries. (Condensed from United States Army Aviation Digest, Sep 1977) illus TAC Attack 18:18-19 Apr '78

EquipmentMaintenance and Repair

International Aeradio: Diversification and growth. Derek Wood. illus Interavia 33:44-46 Jan '78

AIR TRAFFIC CONTROLLERS

Air traffic controllers: A need for recognition. Interavia 33:777 Sep '78

Objective assessment of prior air traffic control-related experience through the use of an occupational knowledge test. Mary A. Lewis. tabs Aviation, Space & Envmt Med 49:1155-1159 Oct '78

AIR TRAINING COMMAND

ATC now 35. illus AF Times 38:40 Jul 10 '78

AU joining ATC April 11. AF Times 38:21 Apr 3 '78

Air Training Command. illus chart AF Mag 61:68-69 May '78

Air University now under ATC. Officer 54:10 Jun '78

Union-ATC dispute to be heard Aug 1. AF Times 38:19 Jun 5 '78

History

Training Command turns thirty-five. Bob Reed. illus AF Mag 61:102-104 Jul '78

AIR UNIVERSITYSee also

Air Force Institute of Technology
Air War College
Leadership and Management Development Center
Squadron Officer School

AU 'exchange' (of AF and Soviet military lectures) backed. AF Times 38:42 Feb 6 '78

AU joining ATC April 11. AF Times 38:21 Apr 3 '78

Air Training Command. illus chart AF Mag 61:68-69 May '78

Air University now under ATC. Officer 54:10 Jun '78

Program cuts teenage (drug and alcohol) abuse. AF Times 38:30 Feb 27 '78

Why it pays to attend the PMC School (Air University, Maxwell AFB, Ala). Steve Canton. AF Compt 12: 40-41 Oct '78

Curricula

Air War College to offer new O-4, 5 course (Combined Air Warfare). AF Times 38:9 Jan 30 '78

Civilian EO program gets boost (through a series of regional seminars and through formal instruction at Air University). AF Times 39:16 Sep 11 '78

AIR UNIVERSITY - ContinuedCurricula - Cont'd

Notes from the Director of the Professional Military Comptroller School (Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus AF Compt 12:40-41 Jan '78

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala). Capt Frank Machovec. illus AF Compt 12:38-40 Apr '78

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Effective leadership in financial management. LtCol Joseph A. Pucci. illus tab AF Compt 12:34-36 Jul '78

Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Analysis--the basis for sound decisions. Maj Bernard J. Schneider. illus tab AF Compt 12:42-44 Oct '78

AIR WAR COLLEGE

Air War College to offer new O-4, 5 course (Combined Air Warfare). AF Times 38:9 Jan 30 '78

Defense cuts O-5, 6 Senior School slots. AF Times 38:4 Feb 6 '78

AIR WARFARE

Command of the air: Command of space? E. M. Fitzgerald. RUSI J for Def Studies 122:45-52 Dec '77

Developments in air warfare. George E. Blackshaw. illus tabs Natl Def 63:42-46+ Sep-Oct '78

The impact of strategic air warfare. George H. Quester. tabs Armed Forces & Soc 4:179-206 Winter '78

History

Edgar Gorrell's concept of air war. Gen Laurence S. Kuter, Ret. illus AF Mag 61:80-82 Apr '78

Study and Teaching

Air War College to offer new O-4, 5 course (Combined Air Warfare). AF Times 38:9 Jan 30 '78

The bandits. (USAF Aggressor squadrons play the role of the enemy) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:20-26 Mar '78

Notes from an aggressor pilot. Capt A. Lee Harrell. illus Air Def Mag, pp 14-17, Apr-Jun '78

Players. (Fighter pilots receive realistic training at Nellis AFB, Nev, during aerial combat mission exercises) Robert K. Ruhl. illus Airman 22:21-29 Aug '78

Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels. illus Air Reservist 29:14-15 Dec '77-Jan '78

Red Flag: Realism on the range. John Joss. illus AF Mag 61:40-44 Aug '78

AIR WEATHER SERVICE

Low-level wind shear advisory program. TIG Brief 30:10 Mar 17 '78

AIRBORNE EARLY WARNING

Eyes of the fleet. (AEW, Airborne Early Warning, Gannet of No. 849 Sq) Elfan ap Rees. illus Air Pict 40:88-91 Mar '78

AIRBORNE FORCESUnited States

101st Airborne Division (Air Assault). Lt Bruce S. Jasurda. illus Infantry 68:16-19 May-Jun '78

All the way--a closer look at airborne training. Maj Joseph V. Potter. illus Educ J 20:23-26 Spring '78

Double time--Reservists go airborne. John Rasmussen. illus Soldiers 33:43-44 Dec '78

The green rubs off. (AF detachment at Fort Bragg, NC, provides Army-AF coordination) Capt Dick Sheffield. illus Airman 22:43-48 May '78

Jump master. SP5 Cindi Small. illus Soldiers 33:36-38 Dec '78

Jumping from the Crane. SP5 Charles Drake. illus USA Avn Dig 24:15-16 Oct '78

When rain 'drops' kept falling. (Operation Neptune II, joint airborne training mission) TSgt David B. Drachlis. illus Airman 22:2-7 Jan '78

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g., World War I--Airborne Operations

Airborne armor. LtCol Albert S. Britt. illus Mil Rev 58:60-64 Sep '78

Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness Command) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78

AIRBORNE WARNING AND CONTROL SYSTEM

AWACS--a what? LtCol Carl A. Widell. illus (Also cutaway) tab Air Def Mag, pp 30-34, Oct-Dec '77

AWACS--where the action is! Maj Thomas A. Schumack. illus Navigator 25:12-14 Spring '78

AWACS will help fight drug traffic. AF Times 38:27 Apr 10 '78

The day of the E-3A tactical test. Col Dwayne P. Wright. illus tab map AU Rev 29:58-73 Sep-Oct '78

E-3A enhancements. MajGen George W. Rutter. illus Signal 33:9-12+ Oct '78

E-3As to give customs a lift in smuggling war. AF Times 39:41 Nov 13 '78

Eye in the sky. Maj Jim North and Capt Mike King. illus AF Mag 61:86-90 Jul '78

F-15 and the air defense of Europe. Charles Gilson and Dan Boyle. illus Intl Def Rev 11, No. 5:696-700 '78

Flying computer programmers. Capt Geoffrey R. Thompson. illus Aerosp Safety 34:5-7 Mar '78

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 61:100-101 Mar '78

AIRBORNE WARNING AND CONTROL SYSTEM - Continued

Modern air defense. Col H.J. Braune. illus Aerosp Intl 14:4-6+ Jun-Jul '78

USSR develops new II-86 variants. Peter Borgart. illus tab Intl Def Rev 11, No.7:1015-1016 '78

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77; pt 3, Influence on tactics and strategy. 10:1062-1066 Dec '77

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e.g.,
Airplanes Helicopters, Military
Airplanes, Military Missiles
Helicopters Rockets

AIRCRAFT, EXPERIMENTAL

See also

Air Cushion Vehicles

Great Britain

Handley Page W.8. (Prototypes & experimentals, no.15) Elfan ap Rees. Air Pict 40:31-32 Jan '78

History

Armstrong Whitworth A.W.29. (Prototypes and experimentals, no.16) Elfan ap Rees. illus tab Air Pict 40:67 Feb '78

United States

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

The short, unhappy life of the Barling Bomber. Capt Earl H. Tilford, Jr. illus tab AF Mag 61:68-70 Feb '78

History

Firebird I--the Highway Skyray. Nicholas M. Williams. illus Am Avn Hist Soc J 22:261 Winter '77

The X-Rays: Douglas' XF4D-1 Skyrays. Nicholas M. Williams. illus Am Avn Hist Soc J 22:242-260 Winter '77

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted Vehicles

AIRCRAFT CARRIERS

A bi-national carrier for the North Atlantic? LCDR Richard H. Purnell. illus tabs US Nav Inst Proc 104:120-121 Nov '78

CVV minus F-14: The uncomfortable compromise. L. Edgar Prina. illus Sea Power 21:32-34 Nov '78

The case for carriers. Col Robert D. Heinl, Jr, Ret. illus Sea Power 21:10-13 Jan '78

A city afloat. (USS Coral Sea, Navy carrier) Capt James J. Lawrence. illus Aerosp Safety 34:18-23 Feb '78

Containerized weapons ... and merchant warships. Norman Polmar. illus US Nav Inst Proc 104:133-136 Mar '78

AIRCRAFT CARRIERS - Continued

Eyes of the fleet. (AEW, Airborne Early Warning, Gannet of No.849 Sq) Elfan ap Rees. illus Air Pict 40:88-91 Mar '78

Fleet air defense. Harold Moss. illus tab Natl Def 63:43-45+ Nov-Dec '78

France as a naval power: Her vessels, shipyards, and aircraft. Claude Niemes. illus NATO's Fifteen Nations 23:104-107 Oct-Nov '78

Invincible and Sea Harrier--an overdue combination? Derek Wood. illus Intl Def Rev 11, No.2:161-163 '78

A surface Navy for today's threat. Worth H. Bagley. illus US Nav Inst Proc 104:34-39 Sep '78

VSTOL night approach. LT G.P. Tierney. illus Approach 23:28-29 Mar '78

History

The first carrier plane scouting mission. RADM George van Deurs, Ret. illus US Nav Inst Proc 104:76-77 Oct '78

From collier to carrier. (CV-1, Langley) Pictorial. US Nav Inst Proc 104:70-75 Oct '78

We rode the covered wagon (CV-1, Langley). RADM Jackson R. Tate, Ret. illus US Nav Inst Proc 104:62-69 Oct '78

Safety Measures

A city afloat. (USS Coral Sea, Navy carrier) Capt James J. Lawrence. illus Aerosp Safety 34:18-23 Feb '78

AIRCRAFT CARRIERS, NUCLEAR POWERED

CVN seems assured as authorization bill nears final passage. L. Edgar Prina. illus Sea Power 21:17-19 Aug '78

The CVN veto: What happened, what happens next, and what happens after. James D. Hessman. Sea Power 21:21-24 Sep '78

Carter DOD (Authorization) Bill veto blamed on confusion. AF Times 39:7 Sep 11 '78

Ike joins the fleet: Nuclear carrier CVN-69 is one of the largest warships afloat. illus Natl Def 62:319 Jan-Feb '78

Spirited congressional prelude to a desperation veto. L. Edgar Prina. illus Sea Power 21:14-17 Sep '78

AIRCRAFT CONTROLLERS see Air Traffic Controllers

AIRCRAFT INDUSTRY AND TRADE

See also

Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

Aerospace world. Regular feature in issues of Air Force Magazine

Air transport prepares for the low fare era. illus tabs Interavia 33:919-922 Oct '78

Commercial aircraft construction. illus tabs Aerosp Intl 14:50-52+ Aug-Sep '78

Farnborough (International Air Show, Sep 3-10) 1978. illus Armed Forces J Intl 116:14-15 Sep '78

AIRCRAFT INDUSTRY AND TRADE - Continued

Giants battle in U.S. small turbine market. J. Philip Geddes. illus tabs Interavia 33:179-184 Mar '78

Hanover (Air Show) '78: The expected stars. illus Aerosp Intl 14:8-10+ Apr-May '78

ILA (International Aerospace Exhibition) '78: Military perspectives at Hanover. illus Intl Def Rev 11, No.5:701-704+ '78

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1977/78. John W.R. Taylor. illus AF Mag 61:18-26 Jan '78

The long-range business jet market: Competitors and their performance. Marc Grangier. illus tabs Interavia 33:694-698 Aug '78

New products and technology. Regular feature in some issues of Interavia

New threats confront aerospace industry. Bonner Day. illus tabs AF Mag 61:70-74 Jun '78

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

Company reports review. Regular feature in some issues of Interavia beginning with August 1978

U.S. aerospace recovers. David Harvey. Def & For Aff Dig 6, No.1:34-35 '78

International Aspects

Airbus Industrie launches A.310 development--and prepares for a highly competitive decade. illus tabs Interavia 33:967-971 Oct '78

Airbus: Status report. Yves Robins. illus Aerosp Intl 14:42-45 Jun-Jul '78

Alpha Jet--a European production programme with a future. Ernst Högenauer and Rolf F. Christ. illus tab Interavia 33:544-546 Jun '78

Alpha Jet: Special report. illus tabs Interavia 33:437-445 May '78

Boeing 757--the successor to the 727. Derek Wood. illus map tabs Interavia 33:1191-1193 Dec '78

Boeing versus Airbus--the sales battle in the medium-capacity market has started. tab illus (Also cutaway) Interavia 33:1035-1038 Nov '78

The combat co-op. (The F-16 is being produced in Europe as well as the U.S.) SMSgt Harold Newcomb. illus Airman 22:20-26 Feb '78

Eastern Airlines' Airbus experiment. John F. Brindley. illus map Interavia 33:135-138 Feb '78

Eastern Airlines enthusiastic about A.300. John F. Brindley. illus Interavia 33:635-637 Jul '78

Israel produces parts of F-15s that may end up in Saudi Arabia. Armed Forces J Intl 115:18 May '78

Statistics

Commercial aircraft construction. illus tabs Aerosp Intl 14:50-52+ Aug-Sep '78

AIRCRAFT INDUSTRY AND TRADE - ContinuedAustralia

Hawker de Havilland diversifying successfully. Henry Krug. illus Interavia 33:1203-1205 Dec '78

The Nomad from down-under. Henry Krug. illus tabs Interavia 33:350-353 Apr '78

Brazil

Brazil's aeronautical posture. Yves Robins. illus Aerosp Intl 14:16+ Apr-May '78

The Embraer Bandeirante's spectacular progress. Marc Grangier. illus Interavia 33:1206-1208 Dec '78

Canada

Canadair Challenger makes its debut. May Willmot. illus tabs Interavia 33:691-693 Aug '78

Europe, Western

Rolls Royce. (Interview with Kenneth Keith) Erhard Heckmann. illus tabs Aerosp Intl 14:38-40+ Oct-Nov '78

France

Crouzet--looking to the future with SV2. Dan Boyle. illus Interavia 33:558-560 Jun '78

History

France's search for American military aircraft: Before the Munich crisis. John McVickar Haight, Jr. illus Aerosp Hist 25:141-152 Sep '78

Germany (Federal Republic)

German view on new technology: Cost and performance gains for combat aircraft. Udo Philipp. illus Interavia 33:979-982 Oct '78

Germany's TKF 90 project. illus tabs Intl Def Rev 11, No.3:337-341 '78

Hanover Air Show renamed (International Aviation Exhibition) but not reborn. illus Interavia 33:490-498 Jun '78

Wolfgang Denzel GmbH: "The secret of sales growth is having a good maintenance centre." Marc Grangier. illus Interavia 33:655-656 Jul '78

Great Britain

British government approves BAe.146 go-ahead. illus tabs Interavia 33:823-825 Sep '78

Concorde and future airliners. (Interview with Sir George Edwards) illus Interavia 33:199-202 Mar '78

Dismore Aviation Ltd: Aiding business aviation. Marc Grangier. illus tabs Interavia 33:66-67 Jan '78

General aviation in UK needs a boost. Marc Grangier. illus map Interavia 33:828-830 Sep '78

History

Fifty years in flying. AM Geoffrey Tuttle. illus Royal Air Forces Qtr 18:140-152 Summer '78

Folland Aircraft. Peter Lewis. illus tab Air Pict 39:477-481 Dec '77

AIRCRAFT INDUSTRY AND TRADE - ContinuedGreat Britain - Cont'dHistory- Cont'd

Handley Page W.8. (Prototypes & experimentals, no.15) Elfan ap Rees. Air Pict 40:31-32 Jan '78

Hawker's before Camm. Herbert A. Mettam. illus Air Pict 40:108-109 Mar '78

Israel

The future at IAI (Israel Aircraft Industries). (Interview with Gabriel Gldor) illus Def & For Aff Dig 6, No.12:38-39 '78

New role for Israeli Air Force? Bonner Day. illus AF Mag 61:34-39 Aug '78

Production activities at Israel Aircraft Industries. Pictorial. Interavia 33:875+ Sep '78

Middle East

International Aeradio: Diversification and growth. Derek Wood. illus Interavia 33:44-46 Jan '78

New Zealand

New Zealand Aerospace Industries Ltd. D.P.Henderson. tab illus (Also cutaway) Interavia 33:641-642 Jul '78

Russia

Expanding airlift capacity. (Soviet military report, 1) John Fullerton. Def & For Aff Dig 6, No.3: 34-35+ '78

USSR develops new II-86 variants. Peter Borgart. illus tab Intl Def Rev 11, No.7:1015-1016 '78

Spain

CASA (Construcciones Aeronauticas SA) consolidates Spain's aerospace activities. John F.Brindley. illus (Also cutaway) Interavia 33:230-231 Mar '78

CASA C.101: Aimed at the 3000+ trainer market. John F.Brindley. illus tabs Interavia 33:29-30 Jan '78

Sweden

FFV's pod programme broadening in scope. illus tab Interavia 33:736-737 Aug '78

Sweden's aerospace industry at the crossroads: How much capability is enough? John F.Brindley. illus tab Interavia 33:619-620 Jul '78

United States

The "big fans" come of age. John F.Brindley. illus tabs Interavia 33:707-710 Aug '78

Boeing finalizes 180/200-passenger transport family. illus tabs Interavia 33:154-156 Feb '78

Boeing launches the 767. J.Philip Geddes. illus tabs Interavia 33:779-782 Sep '78

The disappearance of "airlift enhancement." David Harvey. illus Def & For Aff Dig 6, No.2:38-39 '78

Engineer to pilot. (Lockheed airlifters and how they fly) (Interview with Jack Paterson) illus tabs MAC Flyer 25:10-13 Oct '78

AIRCRAFT INDUSTRY AND TRADE - ContinuedUnited States- Cont'd

F-16 program spurs modernization. Andrew H. McMahon. illus Natl Def 62:312-313+ Jan-Feb '78

The general aviation used aircraft market in the USA. Peter Riley. illus tab Interavia 33:115-116 Feb '78

Grumman charts its course for the 1980s. John F. Brindley. illus Interavia 33:455-456 May '78

Kaynar keeps fastener technology moving. illus Interavia 33:68 Jan '78

The L-1011-500 long-range TriStar. J.Philip Geddes. illus tabs Interavia 33:863-866 Sep '78

Naval aviation manpower development: Contractor vs Navy. H.P.Aue. illus Log Spectrum 11:31-37 Winter '77

New threats confront aerospace industry. Bonner Day. illus tabs AF Mag 61:70-74 Jun '78

Paying for the next generation of airliners--how much have the "Big Three" got to spend? John N.Simon. illus tab Interavia 33:715-716 Aug '78

Rivals from Wichita: Cessna and Gates Learjet reach out for the twin bizjet market. tabs Interavia 33: 974-978 Oct '78

Sperry Flight Systems flourishing in Phoenix. John F.Brindley. illus Interavia 33:555-557 Jun '78

U.S. aerospace recovers. David Harvey. Def & For Aff Dig 6, No.1:34-35 '78

History

Lockheed's Model 10 Electra. Thomas M. Emmert and William T.Larkins. illus tabs Am Avn Hist Soc J 23:141-153 Summer '78

AIRCRAFT MAINTENANCESee also

Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

A-10 completes FOL (Forward Operating Location) validation test. Lt Doc Pentland. illus TAC Attack 18:18-20 Dec '78

Air Force reliability and maintainability program. TIG Brief 30:13 Jun 23 '78

Bolts from the blue. Regular feature in some issues of Interceptor

Cadmium-plated tools. TIG Brief 30:13 Sep 22 '78

Checklist complete? TIG Brief 30:20 Feb 3 '78

Chock talk--incidents and incidentals with a maintenance slant. Regular feature in issues of TAC Attack

Documenting work accomplished on transient aircraft. TIG Brief 30:12 Mar 3 '78

Essential repair concept. TIG Brief 30:16 Mar 17 '78

FFV's pod programme broadening in scope. illus tab Interavia 33:736-737 Aug '78

AIRCRAFT MAINTENANCE - Continued

- FOD. Col Robert S. Beale. illus Aerosp Safety 34:1-3 Jun '78
- A FOD prevention program that works. LCDR David J. Carey. illus tab Aerosp Safety 34:25-28 Oct '78
- Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78
- Fliers--2; fixers--0! (Forms 781) Capt David V. Froehlich. Aerosp Safety 34:4-5 Jun '78
- High-speed taxi checks: Not just another ops check. TIG Brief 30:10 Mar 31 '78
- How good are maintenance data? John F. Stanhagen, Jr. tab Log Spectrum 12:57-60 Spring '78
- I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78
- LAU-88 missile launcher shortages. TIG Brief 30:10 Mar 31 '78
- Logistics for readiness. (Remarks, Mobile Chapter, Air Force Assoc, Mobile, Ala, May 18, 1978) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 8: 34-40 Aug '78
- Maintainers ... keep 'em flying (in William Tell '78). illus Interceptor 20:28-29 Nov '78
- Naval aviation manpower development: Contractor vs Navy. H.P.Aue. illus Log Spectrum 11:31-37 Winter '77
- Navy aircraft never die: They just fray away. CAPT George J. Klett. illus US Nav Inst Proc 104:140-144 Nov '78
- A new look at engine records. TIG Brief 30:15-16 Jul 7 '78
- New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78
- New Technical Order (33-1-37) on Joint Oil Analysis Program Laboratory Manual. TIG Brief 30:9 Jul 21 '78
- Operations and maintenance readiness: A team effort. MajGen Martin C. Fulcher. illus Combat Crew 28:4-5+ Sep '78
- Reporting aircraft mission capability. TIG Brief 30:14 Jun 23 '78
- Skill merger would involve 50,000 (in aircraft maintenance). Len Famiglietti. AF Times 38:4 May 15 '78
- Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78
- Tell supply you fixed it. TIG Brief 30:11 May 12 '78
- W-P (4950th Test) Wing 'feeds' on complex duty. Sharon A. Jones. illus AF Times 39:7 Sep 25 '78
- Wolfgang Denzel GmbH: "The secret of sales growth is having a good maintenance centre." Marc Grangier. illus Interavia 33:655-656 Jul '78
- Women in aircraft maintenance. TIG Brief 30:9 Dec 1 '78

Study and Teaching

- The fixers ... 'they know their stuff.' SMSgt Gerald H. Smith. illus Air Reservist 31:8-9 Nov '78
- Maintenance test pilot training. SP5 Michael Turner. illus USA Avn Dig 24:24-26 Nov '78

AIRCRAFT MAINTENANCE - ContinuedStudy and Teaching - Cont'd

- Movin' on up. (Upward mobility program at Wright-Patterson AFB, Ohio, gives lower-grade GS civilians a chance to go into wage-grade jobs) Mike Pendrak and Capt Dick Sheffield. illus Airman 22: 41-43 Aug '78

Terminology

- Maintenance as a foreign language. Capt Duane C. Tway. illus TAC Attack 18:20-22 Jul '78

AIRCRAFT MECHANICS see Ground CrewsAIRDROP

- Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness COMmand) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78

AIRFLOW

- Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

AIRLIFTSee also

- Berlin Airlift
Mercy Missions

- Airlift assistance to Rhode Island. (Statement before Senate Regional and Community Development Subcommittee, March 7, 1978) MajGen Edward J. Nash. AF Plcy Ltr for Comdrs: Sup No. 5:28-32 May '78
- Airlifts bring wounded, dead from Guyana. illus AF Times 39:3 Dec 4 '78
- CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No. 1:48-70 '78
- The defense of the Atlantic. ADM Isaac C. Kidd. illus NATO's Fifteen Nations 23:28-30+ Oct-Nov '78
- Destination ... Zaire. Art Covello. illus Air Reservist 30:23 Jul '78
- The disappearance of "airlift enhancement." David Harvey. illus Def & For Aff Dig 6, No. 2:38-39 '78
- "Doubts, decisions, and directions." (Remarks, Aviation Space Writers' Convention, Atlanta, April 24-26, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '78
- Engineer to pilot. (Lockheed airlifters and how they fly) (Interview with Jack Paterson) illus tabs MAC Flyer 25:10-13 Oct '78
- Expanding airlift capacity. (Soviet military report, 1) John Fullerton. Def & For Aff Dig 6, No. 3: 34-35+ '78
- Germany to Zaire with a 'fair force' Reserve pilot (Lt Kathleen R. Cosand). illus map Officer 54:12 Aug '78
- Soviet airlift limited. AF Times 38:12 May 15 '78
- Soviet airlift to Ethiopia. Bonner Day. AF Mag 61:33 Sep '78
- The Soviets exercise their airlift capability. illus map AF Mag 61:27 Mar '78

AIRLIFT - Continued

Special delivery for Moscow. (C-5's world-record airlift of a superconducting magnet) Capt John M. Zinkievich. illus MAC Flyer pt 1, 25:9-12 Jan '78; pt 2, 25:4-7 Feb '78

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

History

Evolution: Airlift in transition, 1948-1978. Capt Bruce L. Gumble. illus MAC Flyer 25:7-10 Jun '78

Roots: Where airlift began. Capt James P. Coe. illus MAC Flyer 25:4-6 Jun '78

Strategic airlift--an evolution and a revolution. William A. Kinney. (Reprinted from Airman, Aug 1970) illus Airman 22:30-33 Dec '78

AIRLIFT UNITS

Deep Freeze '78. J.D. Murphy. illus Air Reservist 29:18 Mar '78

Do it in Oklahoma? Capt James J. Lawrence. illus Aerosp Safety 34:6-11 Aug '78

LOTS (Logistics Over The Shore) ALOC (Air Lines Of Communication). MSgt Gerald H. Smith. illus Air Reservist 30:10-11 Sep '78

Niagara Falls unit (914th Tactical Airlift Gp) receives coveted Loening Trophy (and an Air Force Outstanding Unit Award). illus Officer 54:10 Jul '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

Reforger '77 ... a starring role. Art Covello. illus Air Reservist 29:17 Dec '77-Jan '78

Rotating the Canal (Zone). (Support for USAF SO) TSgt Kenneth Peterson. illus Air Reservist 29:12-13 Dec '77-Jan '78

The TALO (Tactical Airlift Liaison Officer): MAC's man in the Army. LtCol Curtis W. Rosler and Maj Don O. Christian. illus MAC Flyer 25:10-11 Aug '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

AIRLINES

See also
Aviation, Commercial

The aviation lease market in continual development. Robert S. Sowter. illus Interavia 33:1194-1196 Dec '78

Directories

Interavia's 100 leading airlines. Peter Tallon. Tables only. Interavia 33:943-958 Oct '78

Fares

Air fare discount extended. AF Times 38:22 Apr 3 '78

Air transport prepares for the low fare era. illus tabs Interavia 33:919-922 Oct '78

Communist transportation: A bargain, but reportable to AFOSI. TIG Brief 30:8 Oct 6 '78

AIRLINES - ContinuedFares - Cont'd

Flying to Europe (cheap). Ramon Lopez. illus AF Times, Times Magazine sup:28-32 Sep 18 '78

More fare cuts OK'd for domestic flights. AF Times 38:30 Jan 16 '78

Official travel aboard furlough rate airlift. TIG Brief 30:20 Mar 3 '78

Reduce airline fares. TIG Brief 30:13 Nov 3 '78

Two airlines will continue furlough fares. Translog 9:20 Jan '78

Nonscheduled Operations

Air fare discount extended. AF Times 38:22 Apr 3 '78

The charter airline market in the Netherlands and Belgium: Looking for alternatives. Peter Tallon. illus Interavia 33:638-640 Jul '78

Flying to Europe (cheap). Ramon Lopez. illus AF Times, Times Magazine sup:28-32 Sep 18 '78

More fare cuts OK'd for domestic flights. AF Times 38:30 Jan 16 '78

Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78

UK charter carriers: A vital force in a spreading market. Peter Tallon. illus Interavia 33:131-135 Feb '78

West German charter carriers achieve maturity in stable market. Peter Tallon. illus Interavia 33:334-337 Apr '78

Passenger Service

Computers in airline service: An ever-widening range of applications. Peter Tallon. illus tabs Interavia 33:507-512 Jun '78

The IATA Bank Settlement Plan. tab Interavia 33:51 Jan '78

Africa, Sub-Saharan

Air transport in Sub-Saharan Africa. Nancy Cockrell. illus tabs Interavia pt 1, 33:338-340 Apr '78; pt 2, 33:457-460 May '78

Australia

Airlines of the world. (Garuda, Williams General Aviation Pty Ltd) Gunter G. Endres. illus tabs Air Pict 40:99 Mar '78

Belgium

The charter airline market in the Netherlands and Belgium: Looking for alternatives. Peter Tallon. illus Interavia 33:638-640 Jul '78

Regional air transport in the Netherlands and Belgium: Will its influence spread? Peter Tallon. illus map Interavia 33:516-518 Jun '78

Brazil

Airlines of the world. (Malaysian Airline System Bhd, Sir-Air OY, Rio-Sul Servicos Aéreos Regionais SA) Gunter G. Endres. illus tabs Air Pict 39:473 Dec '77

AIRLINES - ContinuedCanada

Airlines of the world. (Okanagan Helicopters Ltd)
Günter G. Endres. illus tab Air Pict 40:59 Feb '78

Cape Verde

Airlines of the world. (Cabo Verde Airlines, Sierra Leone Airways Ltd, Trinidad & Tobago Air Services Ltd) Günter G. Endres. illus tabs Air Pict 40:21 Jan '78

Finland

Airlines of the world. (Malaysian Airline System Bhd, Sir-Air OY, Rio-Sul Serviços Aéreos Regionais SA) Gunter G. Endres. illus tabs Air Pict 39:473 Dec '77

France

The new Air France cargo terminal--a blueprint for the future? illus Interavia 33:925-926 Oct '78

Germany (Federal Republic)

West German charter carriers achieve maturity in stable market. Peter Tallon. illus Interavia 33:334-337 Apr '78

Great Britain

British Caledonian: Carrying the independent flag profitably. Derek Wood. illus map tab Interavia 33:213-215 Mar '78

Concorde and the Far East: A difficult start for British Airways. Derek Wood. illus map Interavia 33:211-212 Mar '78

UK charter carriers: A vital force in a spreading market. Peter Tallon. illus Interavia 33:131-135 Feb '78

Indonesia

Airlines of the world. (Garuda, Williams General Aviation Pty Ltd) Günter G. Endres. illus tabs Air Pict 40:99 Mar '78

Malaysia

Airlines of the world. (Malaysian Airline System Bhd, Sir-Air OY, Rio-Sul Serviços Aéreos Regionais SA) Günter G. Endres. illus tabs Air Pict 39:473 Dec '77

Morocco

Royal Air Maroc: Pacemaker in African air transport. Peter Tallon. illus tab Interavia 33:143-145 Feb '78

Netherlands

The charter airline market in the Netherlands and Belgium: Looking for alternatives. Peter Tallon. illus Interavia 33:638-640 Jul '78

Regional air transport in the Netherlands and Belgium: Will its influence spread? Peter Tallon. illus map Interavia 33:516-518 Jun '78

Schreiner Airways: Riding the oil boom. Marc Grangier. illus Interavia 33:1100-1102 Nov '78

AIRLINES - ContinuedNorway

Changing miles into minutes: How Widerøe's Flyveselskap A/S links Norway's remote communities. F.G. Barnes. illus map tab Air Pict 40:93-96 Mar '78

Russia

See Aeroflot

Sierra Leone

Airlines of the world. (Cabo Verde Airlines, Sierra Leone Airways Ltd, Trinidad & Tobago Air Services Ltd) Günter G. Endres. illus tabs Air Pict 40:21 Jan '78

Sudan

Sudan Airways. John Hunt. illus map tabs Air Pict 40:54-58 Feb '78

Sweden

Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78

Trinidad

Airlines of the world. (Cabo Verde Airlines, Sierra Leone Airways Ltd, Trinidad & Tobago Air Services Ltd) Gunter G. Endres. illus tabs Air Pict 40:21 Jan '78

United States

AF battles exodus of pilots. Martha Craver and Bruce Callander. tabs AF Times 39:3 Aug 14 '78

Eastern Airlines' Airbus experiment. John F. Brindley. illus map Interavia 33:135-138 Feb '78

Eastern Airlines enthusiastic about A.300. John F. Brindley. illus Interavia 33:635-637 Jul '78

Many MAC pilots quitting for airline jobs. AF Times 39:3 Dec 4 '78

More fare cuts OK'd for domestic flights. AF Times 38:30 Jan 16 '78

Pilot exodus: An analysis. Bruce Callander. AF Times 39:1+ Dec 11 '78

Two airlines will continue furlough fares. Translog 9:20 Jan '78

AIRLINES, LOCAL SERVICE

Changing miles into minutes: How Widerøe's Flyveselskap A/S links Norway's remote communities. F.G. Barnes. illus map tab Air Pict 40:93-96 Mar '78

Regional air transport in the Netherlands and Belgium: Will its influence spread? Peter Tallon. illus map Interavia 33:516-518 Jun '78

AIRMAN COMMISSIONING PROGRAM see Airman Education and Commissioning ProgramAIRMAN EDUCATION AND COMMISSIONING PROGRAM

EM holding degrees eligible for AECP. Len Famiglietti. AF Times 38:3 Jun 26 '78

New limits put on AECP for '79. Len Famiglietti. AF Times 38:4 Jun 19 '78

AIRMAN EDUCATION AND COMMISSIONING PROGRAM-

Continued

Officer chances: A mixed reaction; airmen surveyed. AF Times 38:33 Mar 20 '78

109 EM selected by AECP board. AF Times 38:26 Apr 24 '78

70 EM make ASCP. AF Times 38:12 May 22 '78

200 more to join 348 in AECP. AF Times 39:10 Nov 27 '78

AIRMEN

AF: Travel \$\$ for all Jr EM. Tom Philpott. AF Times 39:3 Aug 21 '78

Average scores for E-5 selectees. AF Times 38:6 Feb 13 '78

Benefits increased for all Jr EM on overseas tours. AF Times 39:3 Oct 30 '78

Bill would hike EM per diem. Bruce Callander. AF Times 38:3 Jun 5 '78

Career 'visibility' for all airmen now possible. TIG Brief 30:17 May 12 '78

Defense fighting Hill for Jr EM travel \$\$. Tom Philpott. AF Times 38:2 Mar 27 '78

EM testify (to House Armed Services Compensation Subcommittee); O'seas life rough. illus AF Times 38:3 Jun 12 '78

EM travel pay seen costing \$36 million. AF Times 38:38 Apr 17 '78

Expect push for more travel pay for CONUS Jr EM. AF Times 39:10 Nov 13 '78

Force loss of 5200 seen (all in EM ranks). tab AF Times 38:3 Feb 6 '78

Hill OKs \$\$ for Jr EM travel. Andy Plattner. AF Times 39:3 Oct 23 '78

Improved per diem \$\$ for Jr EM asked. Richard C. Barnard. AF Times 39:4 Oct 30 '78

'Initiatives' package to aid Jr EM o'seas. M.L. Craver. AF Times 38:1+ May 22 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H. Chayes. AF Times 38:14-15 Jun 5 '78

Jr EM o'seas enjoying \$ break. AF Times 38:14 Jul 3 '78

Jr EM tax break OK'd by Treasury. Randy Shoemaker. AF Times 38:3 May 22 '78

Low EM getting break on inadequate housing. AF Times 38:7 May 15 '78

Lower ranks eye o'seas kin \$. AF Times 38:3 Jan 9 '78

Lump-sum SRBs delayed until April 1. Bruce Callander. AF Times 39:1+ Nov 6 '78

Many can claim unexpected bonus. Bruce Callander. AF Times 39:1+ Sep 25 '78

May quota--6000 stripes for E-4, above. Bruce Callander. AF Times 38:3 Apr 17 '78

The most important thread. Capt Charles G. Tucker. illus tabs AF Mag 61:70-72 Nov '78

AIRMEN - Continued

NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78

New EM early outs--1st termers in 80 skills can apply. Bruce Callander. AF Times 38:1+ Jun 26 '78

Nonsense, common sense, and the professional NCO. SMSgt George H. Day. illus tabs AU Rev 29:66-72 Jul-Aug '78

Officer chances: A mixed reaction; airmen surveyed. AF Times 38:33 Mar 20 '78

O'seas JET (Junior Enlisted Travel) only 1/2 a solution. Bruce Callander. AF Times 39:3 Aug 21 '78

'Prestige' makes E-4 split work. AF Times 39:26 Aug 7 '78

Q&A on Jr enlisted travel entitlements. AF Times 39:8+ Nov 6 '78

Re-up irritant for EM eliminated. AF Times 38:29 Jul 24 '78

Reading levels set to match EM skills. Len Farniglietti. tab AF Times 38:1+ Jun 5 '78

Some changes, none major, due for re-up bonuses. AF Times 39:7 Sep 18 '78

Top (12) enlisteds of the year. illus AF Times 38:7 May 8 '78

25 enlisted women due Titan II missile training. AF Times 38:2 Mar 20 '78

Two solons (Reps Bill Nichols and Mendel J. Davis) o'seas: EM have it tough. AF Times 39:51 Jul 31 '78

Unclassifieds; Retraining emphasized. AF Times 39:20 Dec 18 '78

AIRMEN'S CLUBS see Servicemen's ClubsAIRPLANE HIJACKINGHistory

Security in the air. Chris Eliot. illus tab Aerosp Intl 14:11-15 Feb-Mar '78

Prevention

Security in the air. Chris Eliot. illus tab Aerosp Intl 14:11-15 Feb-Mar '78

AIRPLANE TYPE

Only U.S. military airplanes are entered under type. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-6

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

A-7

The A-7E aircraft/pilot team: 1 man, 1 machine, and 101 missions. CDR Frederick J. West. illus US Nav Inst Proc 104:102-105 Apr '78

Alive and operating in Latin America. SSgt Glenn S. Willerforde. illus Air Reservist 31:17 Nov '78

AIRPLANE TYPE - ContinuedA-7 - Cont'd

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

Pick the right one! illus Approach 23:1-3 Jan '78

Wings over windmills. Ed Mack Miller. illus AF Mag 61:39-43 Jan '78

A-10

The A-10 and fire support coordination. LtCol J.W. Philipp. illus Fld Arty J 46:30-33 Jan-Feb '78

A-10, Thunderbolt II, harks back to P-47. Len Famiglietti. illus AF Times 38:10 Apr 17 '78

A-10s set for European deployment in January, but USAF buy may end in FY 81. illus Armed Forces J Intl 116:17 Dec '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

The avenger cannon. LtCol Alexander V. McDermont. USAF Ftr Wpns Rev, pp 14-15, Fall '78

Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

Engineering for survivability. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, pp 13-14, Fall '78

Gun cross and range estimation. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, p 12, Fall '78

Tank killer of the future (A-10). John Rhea. illus Natl Guardsman 32:14-16 Apr '78

Two-seat A-10 underway as USAF accepts 100th plane. illus Armed Forces J Intl 115:15 May '78

Testing

A-10 completes FOL (Forward Operating Location) validation test. Lt Doc Pentland. illus TAC Attack 18:18-20 Dec '78

A-37

'To ride a Dragonfly.' Tom Wright. illus Air Reservist 29:10-11 Dec '77-Jan '78

AC-130

Gunship. Capt Benjamin C. Pittman. illus Navigator 25:25-27 Winter '78

Spectre: Aboard the night-flying gunship with the soul of a computer. Fred Reed. illus AF Times, Times Magazine sup:6-10+ Apr 3 '78

Equipment

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

AV-8

Fly, hover, and fight! A pilot report. Maj Harry W. Blot. illus tab AF Mag 61:49-54 Feb '78

The future of military V/STOL. (Report of a seminar held at the RUSI on Oct 4, 1977) illus RUSI J for Def Studies 123:58-71 Mar '78

AIRPLANE TYPE - ContinuedAV-8 - Cont'd

Sea Harrier ski jump interests U.S. Marines. illus Armed Forces J Intl 116:18 Nov '78

V/STOL for close combat support. Robert G. Showers. illus tabs Natl Def 63:34-37 Sep-Oct '78

What V/STOL "really" is. (A pilot's view) Maj David C. Corbett. illus US Nav Inst Proc 104:111-114 Jun '78

Study and Teaching

Training to fly the Harrier. (Interview with LtCol J.E. Iles) illus Approach 23:1-6 Mar '78

B-1

B1--loss of an option. ACM Christopher Foxley-Norris. Army Qtr 107:394-398 Oct '77

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No. 1:2-12 '78

Testing

B-1 structural test program. John W. Rustenburg and others. illus Def Sys Mgt Rev 1:149-161 Winter '77

B-17

Reservists aiding B-17 restoration at AF Museum. Officer 54:8 Oct '78

History

Saga of the Civil Forts. James H. Farmer. illus Am Avn Hist Soc J pt 1, The era of the W.A.A. and the 'years of plenty,' 1946-1947. 22:292-302 Winter '77; pt 2, 1948 through March 1955. For preservation or profit? 23:162-167 Fall '78

B-25

U.S. civil B-25s. W.T. Larkins. illus tabs Am Avn Hist Soc J 23:29-35 Spring '78

B-36History

Twilight for the peacemaker. Dave Karten. (Reprinted from Airman, Nov 1957) illus Airman 22:14-16 Dec '78

B-52

(Advanced multimode radar for strategic bombers: Electronically-Agile Radar--EAR) Signal 32:66 Apr '78

B-52 EWO (Electronic Warfare Officer) to UNT (Undergraduate Navigator Training) instructor--an experience in job enrichment. Capt William M. Wanser. illus Navigator 25:10-11 Spring '78

B-52 physiological incidents. LtCol Carroll R. Cooley. illus Combat Crew 28:16-17 Feb '78

B-52 update. Richard Hartman. illus Mil Elect/Countermeasures 4:18-20+ Mar '78

Bomb/nav changes key to B-52 update. Benjamin M. Elson. illus (Also cutaway) Combat Crew 28:16-20 Dec '78

AIRPLANE TYPE - ContinuedB-52 - Cont'd

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

Cruise missile--"full 10C" date problem for Pentagon, defensive one for USSR. Armed Forces J Intl 115:20 Jul '78

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

FAA rules will rate B-52s as "antiques" in 1982. illus Armed Forces J Intl 115:8 Apr '78

The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No. 1:2-12 '78

Giant Thrust II. Maj Peter Alexandrakos. illus Combat Crew 28:4-7+ Nov '78

Grampa's thoughts on the B-52. LtCol Sidney B. Hanna, Jr. Combat Crew 28:16-17+ Oct '78

Keeping the Boeing B-52 operational until the end of the century. illus (Also cutaway) tabs Interavia 33:1181-1184 Dec '78

B-57History

Twenty years with the same lady (B-57 Canberra). LtCol Ted M. Watson. illus Interceptor 20:5-6 Jun '78

C-5

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

Modifications to C-5s urged. AF Times 38:9 Jan 16 '78

Special delivery for Moscow. (C-5's world-record airlift of a superconducting magnet) Capt John M. Zinkievich. illus MAC Flyer pt 1, 25:9-12 Jan '78; pt 2, 25:4-7 Feb '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

Maintenance and Repair

The Range Riders. (Repairmen fly aboard the C-5 on remote missions) Sgt Jim Katzaman. illus Airman 22:39-43 Nov '78

C-12

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

C-118

(When it's confirmed you're ...) on fire! illus Approach 23:10-11 Jan '78

C-121History

Last flight to Tucson (Davis-Monthan AFB's Aircraft Storage and Disposition Center near Tucson, Ariz) ... a sentimental journey. Bob Foster. illus Natl Guardsman 32:8-10+ Jun '78

AIRPLANE TYPE - ContinuedC-130

The amazing MAZ. (AF's 2762d Logistics Sq, Special (MAZ) takes on special projects) Perry Sullivan. illus Airman 22:17-19 Feb '78

Canal Zone duty keeps Reserves hopping in C-130s. illus AF Times 39:40 Nov 20 '78

Red rain (fire retardant). Capt Eugene J. Caisse. illus Aerosp Safety 34:10-11 Jul '78

Rotating the Canal (Zone). (Support for USAF SO) TSgt Kenneth Peterson. illus Air Reservist 29:12-13 Dec '77-Jan '78

Understanding fin stall. illus MAC Flyer 25:13-15 Sep '78

Maintenance and Repair

Cleaning up their act. (Pope AFB, NC, crews clean and repaint C-130s) Capt Dick Sheffield. illus Airman 22:38-41 Apr '78

It's a 'WRSky' business. (War Readiness Spares Kits for the C-130's that fly weather reconnaissance at Keesler AFB, Miss) Maj Terry A. Arnold. illus Airman 22:15-19 Jun '78

C-141

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

MAC decides to cut navigators on C-141s. Len Famiglietti. AF Times 39:2 Dec 25 '78

MAC to "stretch" C-141 Starlifters. Translog 9:20 Aug '78

A Mayday in October. (The loss of two engines on a C-141 results in an emergency and subsequent awarding of the Air Medal for the crew) MSgt David B. Drachlis. illus Airman 22:2-8 Sep '78

Power to spare. Capt Bruce L. Gumble. illus MAC Flyer 25:12-13 Jul '78; Combat Crew 28:16-17 Nov '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

History

Starlifter finishes fifteen. illus MAC Flyer 25:10-11 Dec '78

Canberra

See B-57

Corsair II

See A-7

Delta Dart

See F-106

E-2

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

E-3

AWACS--a what? LtCol Carl A. Widell. illus (Also cutaway) tab Air Def Mag, pp 30-34, Oct-Dec '77

AIRPLANE TYPE - ContinuedE-3 - Cont'd

AWACS--where the action is! Maj Thomas A. Schumack. illus Navigator 25:12-14 Spring '78

The day of the E-3A tactical test. Col Dwayne P. Wright. illus tab map AU Rev 29:58-73 Sep-Oct '78

E-3A enhancements. MajGen George W. Rutter. illus Signal 33:9-12+ Oct '78

E-3As to give customs a lift in smuggling war. AF Times 39:41 Nov 13 '78

Eye in the sky. Maj Jim North and Capt Mike King. illus AF Mag 61:86-90 Jul '78

Flying computer programmers. Capt Geoffrey R. Thompson. illus Aerosp Safety 34:5-7 Mar '78

A mighty tall story. (Maintenance of the E-3A's radar equipment) Capt Dick Sheffield. illus Airman 22:44-48 Oct '78

E-4

E-4A: A pilot's report. Capt John B. Sams, Jr. illus Combat Crew 28:4-7+ Oct '78

Salvation from above. (The E-4A National Emergency Airborne Command Post is part of the National Military Command System) Capt Suzanne L. Phillips. illus Airman 22:27-31 Feb '78

E-A-6

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

Eagle

See F-15

F-4

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

Drones keep F-4 pilots combat-tuned. Luisa C. Bailey. illus AF Times 38:50 Jul 24 '78

F-4 compressor stalls and the engine operating envelope. illus TAC Attack 18:18-19 Jan '78

F-4 emergency situation training. Capt Pete Abler. illus TAC Attack 18:25 Jan '78

F-4 emergency situation training. Capt Dick Stamler. illus TAC Attack 18:15 May '78

F-4 engine bay fires. TIG Brief 30:6 Jul 7 '78

F-4 fire warning lights. Bob Jensen. illus Interceptor 20:18-19 Aug '78

F-4 nose gear strut cylinder. TIG Brief 30:5 Mar 3 '78

F-4 ... Phantom (in William Tell '78). illus Interceptor 20:20-23 Nov '78

F-4 WRCS/CAS. Capt Harry F. Davis. illus map USAF Ftr Wpns Rev, pp 7-14, Spring '78

F-4G in Wild Weasel capability. LtCol Leonard C. Ekman. illus USAF Ftr Wpns Rev, p 9, Fall '78

AIRPLANE TYPE - ContinuedF-4 - Cont'd

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. (Condensed from TAC Attack, March 1977) illus TAC Attack 18:12-15 Nov '78

Getting there is half the fun. Maj Rick Teague. illus USAF Ftr Wpns Rev, pp 2-7, Summer '78

The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78

New Weasel aircraft will play vital role. illus Elect Warfare/Def Elect 10:75-77 Feb '78

Stopping big ugly (F-4) ... or any other aircraft for that matter. Capt Don Rupert. illus TAC Attack 18:10-11 Apr '78

Systems safety of the future--pride, preoccupation, and programming. Maj Michael F. Rundle. illus Interceptor 20:16-18 Jul '78

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philippott. illus Aerosp Safety 34:14-16 Jul '78

Wild Weasels prepare to fly F-4G. illus map Elect Warfare/Def Elect 10:70-73 Feb '78

F-14

AWG-9/Phoenix--further improvements on the way. A. J. Wallis. illus tab Intl Def Rev 11, No. 6:892-896 '78

Fleet air defense. Harold Moss. illus tab Natl Def 63:43-45+ Nov-Dec '78

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

F-15

Alert Eagles. Maj Lionel P. Johnson. illus Interceptor 20:8-11 Aug '78

(Cross-tell mistakes: Use correct checks) LtGen James D. Hughes. TIG Brief 30:1-2 May 26 '78

Eagle Eye. LtCol Tim O'Keefe, Jr. illus USAF Ftr Wpns Rev, pp 26-29, Fall '78

F-15 and the air defense of Europe. Charles Gilson and Dan Boyle. illus Intl Def Rev 11, No. 5:696-700 '78

F-15 "B" scope interpretation. Capt Gary L. Pahl. illus USAF Ftr Wpns Rev, pp 26-29, Spring '78

F-15 countermeasures update pushed. illus Elect Warfare/Def Elect 10:29-30 Dec '78

F-15 emergency situation training. Capt Ray L. Marcum. illus TAC Attack 18:29 Jul '78

F-15 situational emergency training. Capts Jim Hale and Jim Williford. illus TAC Attack 18:4-7 Mar '78

F-100 engine tracking. TIG Brief 30:11 Jan 20 '78

The fighter's fighter. Ed Blair. (Reprinted from Airman, June 1969) illus Airman 22:44-48 Dec '78

Flying the Eagle. Yves Robins. illus Aerosp Intl 14:24-26+ Apr-May '78

AIRPLANE TYPE - ContinuedF-15 - Cont'd

Israel produces parts of F-15s that may end up in Saudi Arabia. Armed Forces J Intl 115:18 May '78

Making the McDonnell Douglas F-15 even better. John M. Dennison. illus Interavia 33:1178-1180 Dec '78

F-16

Another stab at the F-16. David Harvey. illus Def & For Aff Dig 6, No.5:35 '78

Assaulting the limits. Col Dorsey J. Talley and Capt Richard M. Doubt. illus TAC Attack 18:6-8 Dec '78

The combat co-op. (The F-16 is being produced in Europe as well as the U.S.) SMSgt Harold Newcomb. illus Airman 22:20-26 Feb '78

F-16 Emergency Power Unit (EPU): Hydrazine hazards. TIG Brief 30:4 Nov 17 '78

F-16 ... just fact. Capt Paul Rossetti. illus USAF Ftr Wpns Rev, pp 3-8, Fall '78

F-16 passes another milestone. TIG Brief 30:5 Feb 17 '78

F-16 program spurs modernization. Andrew H. McMahan. illus Natl Def 62:312-313+ Jan-Feb '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No.9:1429-1434 '78

F-18

The General Electric F404--driving force for the F-18. John F. Brindley. illus tabs Interavia 33: 609-610 Jul '78

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

The U.S. Navy's view of the F-18 Hornet. J. Philip Geddes. illus (Also cutaway) tabs Intl Def Rev 11, No.2:164-168 '78

F-51

ADC's (Aerospace Defense Command) rarest warhorse. David R. McLaren. illus tab Interceptor 20:5-7 Aug '78

F-86

My love affair with the Sabre. Maj Douglas K. Evans, Ret. illus AF Mag 61:78-83 Oct '78

F-101

F-101 ... Voodoo (in William Tell '78). illus Interceptor 20:24-27 Nov '78

Operation "Fire Wall." Paul D. Stevens. illus Am Avn Hist Soc J 23:72-76 Spring '78

F-105

'To ride a one-oh-five.' Tom Wright. illus Air Reservist 30:16-17 Jul '78

F-106

F-106 ... Delta Dart (in William Tell '78). illus Interceptor 20:12-17 Nov '78

AIRPLANE TYPE - ContinuedF-106 - Cont'd

Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. (Reprinted from Interceptor, March 1972) illus Interceptor 20: 8-13 May '78

F-111

F-111 emergency situation training. Capt Marty Steere. illus TAC Attack 18:29 Feb '78

Night LADD/TOSS. Capt Gary A. Mekash and Maj John H. Cain. illus tabs USAF Ftr Wpns Rev, pp 27-31, Summer '78

Maintenance and Repair

Forensics resolves damage to F-111. TIG Brief 30:7 Feb 17 '78

FB-111

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

Galaxy

See C-5

Harrier

See AV-8

Hawkeye

See E-2

Hercules

See C-130; WC-130

Hornet

See F-18

Huron

See C-12

Intruder

See A-6

KC-10

SAC's newest tanker (KC-10A). Capt Joseph M. Vairo. illus tab Combat Crew 28:16-18 Jul '78

KC-135

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

ISD (Instructional System Development) and the navigator. Maj Roy G. Emerson and Capt Vaughn L. Butterbrodt. illus Navigator 25:9-12 Summer '78

New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

SAMSO plans KC-135 lasercom evaluation. illus Elect Warfare/Def Elect 10:38 Apr '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

AIRPLANE TYPE - ContinuedKC-135 - Cont'dMaintenance and Repair

Nondestructive testing technology improvements.
TIG Brief 30:10 Feb 17 '78

Liftmaster

See C-118

Mentor

See T-34

Mustang

See F-51

Orion

See P-3

P-3

Fixed wing aircraft in ASW. R. Richard Heppe and
Lawrence E. Channel. illus tabs map Natl Def 63:
52-55+ Nov-Dec '78

Where is Kedalion? LT Edward Mihalak. illus US
Nav Inst Proc 104:109-112 Jan '78

Phantom II

See F-4; RF-4

RF-4

Coronet Snipe: The Air Guard in Norway. (A trans-
atlantic deployment of RF-4 Phantoms to help test
the ability of USAF--and ANG--to support NATO
North) Capt Ed Tonini and LtCol Don Armstrong.
illus Natl Guardsman 32:18-21+ Aug '78

Quick Strike Reconnaissance (QSR). Capt Luther B.
Copeland. illus TAC Attack 18:26-29 Apr '78

S-3

Fixed wing aircraft in ASW. R. Richard Heppe and
Lawrence E. Channel. illus tabs map Natl Def 63:
52-55+ Nov-Dec '78

SR-71

From the starting gate. (Records held by the SR-71)
James A. George. illus Airman 22:24-25 Sep '78

Where the high flyers go. James A. George. illus
Airman 22:22-31 Sep '78

Sabre

See F-86

Sabreliner

See T-39

Shooting Star

See T-33

Spectre

See AC-130

Starlifter

See C-141

Stratofortress

See B-52

Stratotanker

See KC-135

AIRPLANE TYPE - ContinuedT-28

Scratch one Trojan! illus Approach 23:12-13 Jan '78

T-33

The T-bird--try it, you'll like it. Lt Duane W. Deal.
illus Interceptor 20:6-11 Jan '78

T-34

I flew the T-34C--and it didn't crash. Benjamin F.
Schemmer. illus tab Armed Forces J Intl 115:36-
37+ Jul '78

T-37

More about bends. Maj Harlan J. Borcharding. illus
Interceptor 20:14-15 Jan '78

"What's a Tweet?" (The T-37 in navigator training)
Capt Eugene A. Rose. illus Navigator 25:16-19
Summer '78; Aerosp Safety 34:10-13 Oct '78

T-38

T-38 performance. Capt Stephen G. Henrich. illus
tabs USAF Ftr Wpns Rev, pp 22-25, Spring '78

The T-38 Talon turns twenty. illus AF Mag 61:38
Oct '78

Maintenance and Repair

Underground servicing for T-38s. SSgt David Hitch-
cock. illus AF Times 38:58 Jan 23 '78

T-39

Things that go thump in the flight. Aerosp Safety 34:
28-29 Dec '78

Talon

See T-38

Thunderbolt II

See A-10

Thunderchief

See F-105

Tomcat

See F-14

Trojan

See T-28

U-2

Everything you've always wanted to know about a
U-2 navigator--but didn't know where or how to
ask! Maj Phillip L. Jarvinen. tab illus (Also cut-
away) Navigator 25:5-9 Spring '78

The orange speck. (A U-2 search mission) James A.
George. illus Airman 22:31 Sep '78

Where the high flyers go. James A. George. illus
Airman 22:22-31 Sep '78

VFX

See F-14

V SX

See S-3

AIRPLANE TYPE - Continued

Viking
See S-3

Voodoo
See F-101

WC-130

Hunting for trouble. (Weather reconnaissance crews of the Aerospace Rescue and Recovery Service). illus MAC Flyer 25:13-15 Jan '78

Typhoon chasers (at Andersen AFB, Guam) hunt storms in W.Pacific. illus AF Times 38:32 Mar 20 '78

YC-14

Funds OK'd for AMST selection. illus AF Times 39:18 Nov 20 '78

YC-15

Funds OK'd for AMST selection. illus AF Times 39:18 Nov 20 '78

YF-16

See also F-16

ZF-14

See F-14

AIRPLANES

See also
Aircraft, Experimental

Commercial aircraft construction. illus tabs Aerosp Intl 14:50-52+ Aug-Sep '78

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

DC-9-80--a step forward in cockpit automation. illus Interavia 33:1197-1198 Dec '78

Control

See Flight Control Systems

De-icing

See Airplanes--Ice Prevention

Design

A life devoted to aviation: A.N.Tupolev's 90th birth anniversary. LtCol V.Aidarov. illus Soviet Mil Rev No.10:34-36 Oct '78

Detection and Recognition

See Airplanes--Identification

Ditching

Mayday, Mayday. (True story of a ditching incident off the coast of Saipan) illus Combat Crew 28:16-17 Aug '78; Aerosp Safety 34:6-7 Sep '78

Electronic Equipment

See Electronic Equipment (Aircraft)

AIRPLANES - ContinuedEmergency Procedures

Mayday, Mayday. (True story of a ditching incident off the coast of Saipan) illus Combat Crew 28:16-17 Aug '78; Aerosp Safety 34:6-7 Sep '78

EnginesSee also

Gas Turbines (Aircraft)
Jet Engines

Testing

Challenges in aircraft engine test and evaluation programs. David T.Love. illus tabs Def Sys Mgt Rev 1:119-125 Winter '77

Fires and Fire Prevention

Medical investigation of fatalities from aircraft-accident burns. Michael J.Dunne, Jr and Robert R. McMeekin. Aviation, Space & Envmt Med 48:964-968 Oct '77

History

Who invented the airplane? Nicholas J.Hoff. illus Am Avn Hist Soc J 23:19-28 Spring '78

Ice Prevention

Aircraft icing. Maj Philip M.McAtee. illus Aerosp Safety 34:6-8 Nov '78

Pitot-static pitfalls. Barry Schiff. (Adapted from AOPA Pilot, Nov 1976) illus MAC Flyer 25:12-15 Feb '78

Identification

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No.1:48-70 '78

Insignia

Bicentennial parade. (Aircraft in commemorative markings) Pictorial. Gerald Markgraf. Am Avn Hist Soc J pt 1, 21:290-296 Winter '76; pt 2, 22:268-275 Winter '77

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No.1:48-70 '78

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

International IncidentsSee also

Airplane Hijacking

Downing of Korean 707 airliner points up strategic differences. Col Robert D.Heinl, Jr, Ret. illus Sea Power 21:11-12 Jun '78

Landing and TakeoffSee also

Hydroplaning
Microwave Landing Systems

From decision height to touchdown. Capt Tom Couch. illus Combat Crew 28:20-21 Jul '78

AIRPLANES - ContinuedLanding and Takeoff - Cont'd

Low level wind shear. Capt John Schwenck. illus
Interceptor 20:5-7 Mar '78

Obstacle clearance and its impact on air transport.
R. Tillmann. illus tabs Interavia 33:1119-1121
Nov '78

Wings, wizards and wisdom. Sammy Mason. (Adapted
from Flight Operations) illus MAC Flyer 25:20-22
Sep '78

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Aircraft Industry and Trade

Markings
See Airplanes--Insignia

Modifications

Cessna Citation finding new applications (in aerial
photomapping). illus Interavia 33:148 Feb '78

North American's B-25 transports. Norman L. Avery.
illus Am Avn Hist Soc J 22:136-141 Summer '77;
Addenda. 23:36 Spring '78

Piloting

Wings, wizards and wisdom. Sammy Mason. (Adapted
from Flight Operations) illus MAC Flyer 25:20-22
Sep '78

Power Plants

See also
Airplanes--Engines

Protection

CRAF: Hawks in doves' clothing? Maj Matt C.C.
Bristol III. AF Law Rev 20, No.1:48-70 '78

RacesHistory

The Rider R-4 Schoenfeldt Firecracker. Mike Kusenda.
illus tabs Am Avn Hist Soc J 23:182-194
Fall '78

Recognition
See Airplanes--Identification

Refueling

See also
In-Flight Refueling

Rolling filling stations. Ingo Kastens. illus Aerosp
Intl 14:29-31+ Jun-Jul '78

Restoration

For the fun of flying. (Members of the Flying Circus
give air shows with their vintage planes) James A.
George. illus Airman 22:21-29 Oct '78

The L-21 serves again (at Army Transportation
Museum, Fort Eustis, Va). SP Charlie Drake.
illus Translog 9:15-16+ Mar '78

Safety Measures

See also
Flying Safety

AIRPLANES - ContinuedSafety Measures - Cont'd

Security in the air. Chris Eliot. illus tab Aerosp Intl
14:11-15 Feb-Mar '78

Stalling

Control is still a Greek named Alpha. Capt Pete
Abler. illus TAC Attack 18:4-6 Nov '78

Takeoff
See Airplanes--Landing and Takeoff

Tracking
See Airplanes--Identification

Australia

The Nomad from down-under. Henry Krug. illus tabs
Interavia 33:350-353 Apr '78

Canada

Aquatic Canadians. Pictorial. J.M.G. Gradidge. Air
Pict 40:106-107 Mar '78

Great Britain

The British aerospace scene. Derek Wood. illus tab
Interavia 33:797-806 Sep '78

AIRPLANES, AMPHIBIOUS

See also
Seaplanes

AIRPLANES, BOMBERCharacteristics

Gallery of Soviet aerospace weapons: Bombers and
maritime. illus AF Mag 61:93-95 Mar '78

Gallery of USAF weapons: Bombers. illus AF Mag
61:114 May '78

Germany

Luftwaffe's multinational WW II killer force. Daniel
F. Gilmore. illus Armed Forces J Intl 115:30-31
Jan '78

Russia

Chasing the Bear. (USAF 57th Fighter Interception Sq
intercepts Russian planes near Iceland) TSgt Her-
man J. Kokojan and SMSgt Harold Newcomb. illus
Airman 22:2-7 Oct '78

Gallery of Soviet aerospace weapons: Bombers and
maritime. illus AF Mag 61:93-95 Mar '78

Soviet bombers: A growing threat. Bonner Day. illus
AF Mag 61:84-87 Nov '78

USSR develops new II-86 variants. Peter Borgart.
illus tab Intl Def Rev 11, No.7:1015-1016 '78

United States

The case for a modern strategic bomber. John L.
McLucas. tab AEI Def Rev 2, No.1:13-24 '78

FAA rules will rate B-52s as "antiques" in 1982.
illus Armed Forces J Intl 115:8 Apr '78

The future of the strategic bomber. John C. Culver.
tab AEI Def Rev 2, No.1:2-12 '78

AIRPLANES, BOMBER - ContinuedUnited States - Cont'd

Gallery of USAF weapons: Bombers. illus AF Mag 61:114 May '78

Joint strategic mission. (Remarks, Comstock Club, Sacramento, Calif, March 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 6:9-15 Jun '78

History

The development of big bombers. James N. Eastman, Jr. illus Aerosp Hist 25:211-219 Dec '78

The short, unhappy life of the Barling Bomber. Capt Earl H. Tilford, Jr. illus tab AF Mag 61:68-70 Feb '78

Twilight for the peacemaker. Dave Karten. (Reprinted from Airman, Nov 1957) illus Airman 22: 14-16 Dec '78

AIRPLANES, CARGO see

Airplanes, Military Transport
Airplanes, Military Transport (Jet)
Airplanes, Transport
Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, ExperimentalAIRPLANES, FAMOUS AND HISTORIC

For the fun of flying. (Members of the Flying Circus give air shows with their vintage planes) James A. George. illus Airman 22:21-29 Oct '78

June Bug II. Herman L. Schreiner. illus Am Avn Hist Soc J 23:173-181 Fall '78

Reflections on seventy-five years of powered flight. Edwards Park. illus AF Mag 61:66-68+ Sep '78

AIRPLANES, FIGHTER

Fighters for the 1990s: Building on today's technology. Roy Braybrook. illus Interavia 33:23-27 Jan '78

Armament

L-39D--ground attack version of the L-39 Albatros. Nikolai Cherikov. illus tabs Intl Def Rev 11, No. 4: 491-492 '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78

The problem of hangfire effects. Henry G. Benis. illus tab Natl Def 62:321-323+ Jan-Feb '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No. 6: 865-869 '78

Characteristics

Ajeet: The IAF's (Indian Air Force) new ground attack fighter. H. P. Mama. illus tab Intl Def Rev 10:1088-1090 Dec '77

Alpha Jet--a great leap forward. LtCol Hermann Fraidel. illus tab Interavia 33:539-543 Jun '78

F-16 ... just fact. Capt Paul Rossetti. illus USAF Ftr Wpns Rev, pp 3-8, Fall '78

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 61:99-100 Mar '78

AIRPLANES, FIGHTER - ContinuedCharacteristics - Cont'd

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 61:96-99 Mar '78

Gallery of USAF weapons: Fighters. illus AF Mag 61: 115-117 May '78

L-39D--ground attack version of the L-39 Albatros. Nikolai Cherikov. illus tabs Intl Def Rev 11, No. 4: 491-492 '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78

New Flogger variant visits Finland. Klaus Niska. illus Intl Def Rev 11, No. 8:1337-1338 '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No. 6: 865-869 '78

The U.S. Navy's view of the F-18 Hornet. J. Philip Geddes. illus (Also cutaway) tabs Intl Def Rev 11, No. 2:164-168 '78

Combat Evaluation

AIMVAL/ACEVAL (Air Intercept Missile EVALuation/Air Combat EVALuation) shows need for electro-optics. illus Elect Warfare/Def Elect 10: 61-63 Feb '78

Design

Aircraft over-G mishaps. tab TIG Brief 30:5 Apr 14 '78

Assaulting the limits. Col Dorsey J. Talley and Capt Richard M. Doubt. illus TAC Attack 18:6-8 Dec '78

Fighters for the 1990s: Building on today's technology. Roy Braybrook. illus Interavia 33:23-27 Jan '78

Germany's TKF 90 project. illus tabs Intl Def Rev 11, No. 3:337-341 '78

Interavia combat aircraft design analysis. George Farrow. illus Interavia No. 1, Dassault-Breguet Mirage 2000. 33:347-349 Apr '78; No. 2, McDonnell Douglas/Northrop F-18. 33:605-608 Jul '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78

Emergency Procedures

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philippott. illus Aerosp Safety 34:14-16 Jul '78

Engines

F-4 engine bay fires. TIG Brief 30:6 Jul 7 '78

Maintenance and Repair

F-100 engine tracking. TIG Brief 30:11 Jan 20 '78

Equipment

F-16 ... just fact. Capt Paul Rossetti. illus USAF Ftr Wpns Rev, pp 3-8, Fall '78

Landing and Takeoff

Have you ever been arrested? Capt Pete Abler. illus tabs TAC Attack 18:12-14 Jan '78

AIRPLANES, FIGHTER - ContinuedPerformance

Britain and AST (Air Staff Target) 403. illus Intl Def Rev 11, No.3:341-344+ '78

F-4 compressor stalls and the engine operating envelope. illus TAC Attack 18:18-19 Jan '78

F-16 ... just fact. Capt Paul Rossetti. illus USAF Ftr Wpns Rev, pp 3-8, Fall '78

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. (Condensed from TAC Attack, March 1977) illus TAC Attack 18:12-15 Nov '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No.9:1429-1434 '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No.6: 865-869 '78

Tornado flight testing--RAF experience so far. WgComdr Clive Rustin and others. illus Royal Air Forces Qtr 17:318-326 Winter '77

Piloting

Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. (Reprinted from Interceptor, March 1972) illus Interceptor 20: 8-13 May '78

Systems safety of the future--pride, preoccupation, and programming. Maj Michael F. Rundle. illus Interceptor 20:16-18 Jul '78

The wedge. Capt Preston T. Duke. illus USAF Ftr Wpns Rev, pp 14-17, Winter '77

Takeoff

See Airplanes, Fighter--Landing and Takeoff

Testing

Tornado flight testing--RAF experience so far. WgComdr Clive Rustin and others. illus Royal Air Forces Qtr 17:318-326 Winter '77

CanadaHistory

Cold country banshees. (Royal Canadian Navy Service) Francis J. Amody. illus tab Am Avn Hist Soc J 23:226-229 Fall '78

Czechoslovakia

L-39D--ground attack version of the L-39 Albatros. Nikolai Cherikov. illus tabs Intl Def Rev 11, No.4: 491-492 '78

Europe, Western

Alpha Jet--a European production programme with a future. Ernst Högenauer and Rolf F. Christ. illus tab Interavia 33:544-546 Jun '78

Alpha Jet: Special report. illus tabs Interavia 33:437-445 May '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No.6: 865-869 '78

Tornado flight testing--RAF experience so far. WgComdr Clive Rustin and others. illus Royal Air Forces Qtr 17:318-326 Winter '77

AIRPLANES, FIGHTER - ContinuedFrance

Crouzet--looking to the future with SV2. Dan Boyle. illus Interavia 33:558-560 Jun '78

Interavia combat aircraft design analysis. George Farrow. illus Interavia No.1, Dassault-Breguet Mirage 2000. 33:347-349 Apr '78; No.2, McDonnell Douglas/Northrop F-18. 33:605-608 Jul '78

History

The Dewoitine D.520. Gaston Botquin. illus Aerosp Hist 25:153-154 Sep '78

Germany (Federal Republic)

Alpha Jet--a great leap forward. LtCol Hermann Fraidel. illus tab Interavia 33:539-543 Jun '78

Germany's TKF 90 project. illus tabs Intl Def Rev 11, No.3:337-341 '78

Great Britain

Britain and AST (Air Staff Target) 403. illus Intl Def Rev 11, No.3:341-344+ '78

The next generation--a UK view. Derek Wood. illus Interavia 33:28 Jan '78

History

Dr Sweeney's secret formula. (Fuel for Spitfires and Hurricanes) Russell Warren Howe. illus AF Mag 61:64-67 Feb '78

India

Ajeet: The IAF's (Indian Air Force) new ground attack fighter. H.P. Mama. illus tab Intl Def Rev 10:1088-1090 Dec '77

Russia

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 61:99-100 Mar '78

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 61:96-99 Mar '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No.9:1429-1434 '78

New Flogger variant visits Finland. Klaus Niska. illus Intl Def Rev 11, No.8:1337-1338 '78

New Soviet aircraft designed for NATO penetration. tab Elect Warfare/Def Elect 10:32 Dec '78

The resurgence of Soviet frontal aviation. LtCol Lynn M. Hansen. illus Strat Rev 6:71-81 Fall '78

Study and Teaching

Mastering advanced flying. LtCol P. Denisenko. illus Soviet Mil Rev No.6:26-28 Jun '78

Sweden

The JA37 Viggen: Air defence capability for the 1980s. illus tabs Interavia 33:621-624 Jul '78

United States

AIMVAL/ACEVAL (Air Intercept Missile EVALuation/Air Combat EVALuation) shows need for electro-optics. illus Elect Warfare/Def Elect 10: 61-63 Feb '78

AIRPLANES, FIGHTER - ContinuedUnited States - Cont'd

- Fighter productivity. Gen Alton D. Slay. NATO's Fifteen Nations 23:75-78 Aug-Sep '78
- The fighter's fighter. Ed Blair. (Reprinted from Airman, June 1969) illus Airman 22:44-48 Dec '78
- Gallery of USAF weapons: Fighters. illus AF Mag 61: 115-117 May '78
- Goodbye to the old generation of fighters. illus Interavia 33:603-604 Jul '78
- Interavia combat aircraft design analysis. George Farrow. illus Interavia No. 1, Dassault-Breguet Mirage 2000. 33:347-349 Apr '78; No. 2, McDonnell Douglas/Northrop F-18. 33:605-608 Jul '78
- MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78
- Tank killer of the future (A-10). John Rhea. illus Natl Guardsman 32:14-16 Apr '78
- That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78
- Today's fighter radars: Big changes ahead. Yves Robins. illus Aerosp Intl 14:4-6+ Oct-Nov '78

History

- The P-40. Gen Bruce K. Holloway, Ret. illus Aerosp Hist 25:136-140 Sep '78
- The XP-40. Gen Mark E. Bradley, Ret. illus Aerosp Hist 25:129-135 Sep '78

AIRPLANES, GUNSHIP see GunshipsAIRPLANES, JET-PROPELLEDSee also

- Airplanes, Military Transport (Jet)
- Airplanes, Transport (Jet)

Fuels

- The availability of jet fuel--tomorrow and the day after. illus tabs Interavia 33:39-42 Jan '78
- JP-8 is coming. Maj Philip M. McAtee. illus Aerosp Safety 34:6-7 Jul '78
- Jets based in UK will use JP-8 fuel. AF Times 38:26 Apr 24 '78
- Let's look at jet fuels. Dan Orchowski. illus tab Interceptor 20:18-20 Mar '78
- Rolling filling stations. Ingo Kastens. illus Aerosp Intl 14:29-31+ Jun-Jul '78
- The search for jet fuel. Richard Earl Hansen. map tabs AF Mag 61:74-77 Oct '78
- Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78

United StatesHistory

- From the cockpit--first jet flight. Lin Hendrix. Am Avn Hist Soc J 23:99-102 Summer '78

AIRPLANES, LIGHTSee also

- Airplanes in Agriculture
- Airplanes in Business

Farnborough (International Air Show, Sep 3-10) 1978. illus Armed Forces J Intl 116:14-15 Sep '78

NASA technological research: Current developments in the general aviation field. Marc Grangier. illus Interavia 33:63-65 Jan '78

Landing and Takeoff

Gear up (wings down). LtCol Warren R. Horney. illus Aerosp Safety 34:16-18 Aug '78

Piloting

Gear up (wings down). LtCol Warren R. Horney. illus Aerosp Safety 34:16-18 Aug '78

Australia

The Australian general aviation scene in the 1970s. Henry Krug. illus tabs Interavia 33:108-110 Feb '78

Great Britain

General aviation in UK needs a boost. Marc Grangier. illus map Interavia 33:828-830 Sep '78

United States

- The L-21 serves again (at Army Transportation Museum, Fort Eustis, Va). SP Charlie Drake. illus Translog 9:15-16+ Mar '78
- New models for new markets--U.S. general aviation at a turning point. Marc Grangier. illus Interavia 33:103-107 Feb '78

AIRPLANES, MILITARYSee also specific categories of military airplanes, e.g.,

- | | |
|---------------------------|--------------------|
| Airplanes, Bomber | Airplanes, Trainer |
| Airplanes, Fighter | Gunships |
| Airplanes, Reconnaissance | Targets, Aerial |
- also entries on U. S. military planes by model designation under the specific type, e.g.,
- Airplane Type--C-5

Airpower--NATO's foremost deterrent. Edgar Ul-samer. illus AF Mag 61:24-30 Apr '78

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

The avenger cannon. LtCol Alexander V. McDermont. USAF Ftr Wpns Rev, pp 14-15, Fall '78

Preflight preparation of armament. Col V. Gastello. Soviet Mil Rev No. 11:24-25 Nov '78

Testing

BAe Hawk displays dual roles. Charles Gilson. illus tabs Intl Def Rev 11, No. 6:826-828 '78

Arresting Gear

A city afloat. (USS Coral Sea, Navy carrier) Capt James J. Lawrence. illus Aerosp Safety 34:18-23 Feb '78

Have you ever been arrested? Capt Pete Abler. illus tabs TAC Attack 18:12-14 Jan '78

AIRPLANES, MILITARY - ContinuedBrakes

- Pick the right one! illus Approach 23:1-3 Jan '78
- Reject! Capt Bruce L. Gumble. illus MAC Flyer 25:18-20 Mar '78
- The saga of Blue Flight. Capt Don Rupert. illus TAC Attack 18:12-13 Mar '78
- Stopping big ugly (F-4) ... or any other aircraft for that matter. Capt Don Rupert. illus TAC Attack 18:10-11 Apr '78

Characteristics

- Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 61:117-118 May '78
- Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

- Physiological and psychological effects of heat stress simulating cockpit conditions. Sarah A. Nunneley and others. tabs Aviation, Space & Envmt Med 49:763-767 Jun '78
- Relationships between ambient cockpit, and pilot temperatures during routine air operations. M.H. Harrison and others. tabs Aviation, Space & Envmt Med 49:5-13 Jan '78

Combat Evaluation

- Probability of survival. D. B. Dahm. illus USAF Ftr Wpns Rev, pp 16-17+, Fall '78

Control

- See Flight Control Systems

De-icing

- See Airplanes, Military--Ice Prevention

Design

- Over-G mishaps seen on increase. Len Famiglietti. AF Times 38:6 May 1 '78

Detection and Recognition

- See Airplanes, Military--Identification

Electronic Equipment

- See Electronic Equipment (Aircraft)

Emergency Procedures

- ACES (Advance Concept Ejection Seat) II is here. Rudolph C. Delgado. illus tabs Aerosp Safety 34:12-15 Sep '78
- The Boy Scout motto. Capt Mike Chase. illus TAC Attack 18:28-30 Oct '78
- Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78
- Down in the cold Atlantic. LT Jerome L. Petykowski. illus Aerosp Safety 34:10-13 Feb '78
- Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78
- Equal time point. Capt Jay A. Weiss. map tab Navigator 25:28-29 Winter '78

AIRPLANES, MILITARY - ContinuedEmergency Procedures - Cont'd

- Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. (Reprinted from Interceptor, March 1972) illus Interceptor 20:8-13 May '78
- High speed abort. Capt Hollis R. Bagley. illus Combat Crew 28:10-11 Jul '78
- Hindsight, forethought, happenstance, and me. Maj Wayne Griffith. illus Interceptor 20:5-7 Feb '78
- IFR jettison areas. TIG Brief 30:12 Oct 6 '78
- Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tilley. illus Aerosp Safety 34:15-16 Nov '78
- Loss of consciousness during air combat maneuvering. Maj James E. Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78
- A Mayday in October. (The loss of two engines on a C-141 results in an emergency and subsequent awarding of the Air Medal for the crew) MSgt David B. Drachlis. illus Airman 22:2-8 Sep '78
- The one-ring circus of P. T. McKee. Maj Wayne E. Griffin. illus Interceptor pt 1, 20:20-23 Aug '78
- A red light squeaker. illus TAC Attack 18:18-19 Oct '78
- So you think ... it can't happen to you! LtCol William S. Barnitz. illus TAC Attack 18:4-6 Oct '78
- Things that go thump in the flight. Aerosp Safety 34:28-29 Dec '78
- Too much talk and too little help. illus Approach 23:16-18 Mar '78
- We are out of gas!! Capt Kenneth S. Harvell. illus tabs Aerosp Safety 34:2-4 Oct '78
- (When it's confirmed you're ...) on fire! illus Approach 23:10-11 Jan '78
- When you gotta go--go. Rudolph C. Delgado. illus tabs Aerosp Safety 34:4-5 May '78; Condensation. AF Times 38:20 Jul 3 '78

Study and Teaching

- F-4 emergency situation training. Capt Pete Abler. illus TAC Attack 18:25 Jan '78
- F-4 emergency situation training. Capt Dick Stamler. illus TAC Attack 18:15 May '78
- F-15 emergency situation training. Capt Ray L. Marcum. illus TAC Attack 18:29 Jul '78
- F-15 situational emergency training. Capts Jim Hale and Jim Williford. illus TAC Attack 18:4-7 Mar '78
- F-111 emergency situation training. Capt Marty Steere. illus TAC Attack 18:29 Feb '78

EnginesSee also

- Gas Turbines (Aircraft)
- Jet Engines

- B-52G air ejector valves: Happiness is an on time takeoff. CMSgt Ed Yingst. illus Combat Crew 28:12-13 Jul '78

AIRPLANES, MILITARY - ContinuedEngines - Cont'd

BAe Hawk displays dual roles. Charles Gilson. illus tabs Intl Def Rev 11, No. 6:826-828 '78

Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78

Maintenance and Repair

JOAP (Joint Oil Analysis Program) results must be timely. TIG Brief 30:19 Dec 1 '78

A new look at engine records. TIG Brief 30:15-16 Jul 7 '78

New Technical Order (33-1-37) on Joint Oil Analysis Program Laboratory Manual. TIG Brief 30:9 Jul 21 '78

SOAP (Spectrometric Oil Analysis Program) for your bearings. Maj Lionel P. Johnson. illus Interceptor 20:12-15 Oct '78

Testing

Challenges in aircraft engine test and evaluation programs. David T. Love. illus tabs Def Sys Mgt Rev 1:119-125 Winter '77

Equipment

FFV's pod programme broadening in scope. illus tab Interavia 33:736-737 Aug '78

Fires and Fire Prevention

Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78

F-4 engine bay fires. TIG Brief 30:6 Jul 7 '78

F-4 fire warning lights. Bob Jensen. illus Interceptor 20:18-19 Aug '78

Graphite composite materials released during aircraft accidents can cause problems. TIG Brief 30:5 May 12 '78

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philippott. illus Aerosp Safety 34:14-16 Jul '78

(When it's confirmed you're ...) on fire! illus Approach 23:10-11 Jan '78

Fuel Systems

High Accident Potential (HAP) reports. TIG Brief 30:3 Nov 17 '78

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philippott. illus Aerosp Safety 34:14-16 Jul '78

Maintenance and Repair

Defuel valve--open or closed? Bob Moore. illus TAC Attack 18:12-14 Feb '78

Fuel Tanks

High Accident Potential (HAP) reports. TIG Brief 30:3 Nov 17 '78

Fuels

Dr Sweeney's secret formula. (Fuel for Spitfires and Hurricanes) Russell Warren Howe. illus AF Mag 61:64-67 Feb '78

AIRPLANES, MILITARY - ContinuedFuels - Cont'd

Fuel salvation--the fuel you save may be the fuel that saves you. tab MAC Flyer 25:10-11 Apr '78

We are out of gas!! Capt Kenneth S. Harvell. illus tab Aerosp Safety 34:2-4 Oct '78

History

Doctor William W. Christmas and his "Bullet." Robert B. Casari. illus Am Avn Hist Soc J 22:312-315 Winter '77

Hydraulic Systems

B-52G air ejector valves: Happiness is an on time takeoff. CMSgt Ed Yingst. illus Combat Crew 28:12-13 Jul '78

Ice Prevention

Aircraft icing. Maj Philip M. McAtee. illus Aerosp Safety 34:6-8 Nov '78

Aircraft icing--it can happen to you. Bruce J. Kilian. illus USA Avn Dig 24:14-16 Feb '78

Identification

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77; pt 3, Influence on tactics and strategy. 10:1062-1066 Dec '77

Insignia

Bicentennial parade. (Aircraft in commemorative markings) Pictorial. Gerald Markgraf. Am Avn Hist Soc J pt 1, 21:290-296 Winter '76; pt 2, 22:268-275 Winter '77

The Douglas Skyway in fleet colors. Nicholas M. Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

Interception

Chasing the Bear. (USAF 57th Fighter Interception Sq intercepts Russian planes near Iceland) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:2-7 Oct '78

A stern intercept technique. Capt John Q. Jordan. illus tab Navigator 25:5-7 Winter '78

"Target bearing"--GCI (Ground-Controlled Interception) has come a long way. Capt Pamela Sexton. illus Interceptor 20:5-11 Jul '78

Landing and TakeoffSee also

Hydroplaning
Microwave Landing Systems

B-52G air ejector valves: Happiness is an on time takeoff. CMSgt Ed Yingst. illus Combat Crew 28:12-13 Jul '78

AIRPLANES, MILITARY - ContinuedLanding and Take off - Cont'd

A city afloat. (USS Coral Sea, Navy carrier) Capt James J. Lawrence. illus Aerosp Safety 34:18-23 Feb '78

Confessions of a military runway. Capt James J. Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Grissom (AFB, Ind) MITO (Minimum Interval Take-Off)s: Taking off fast. Capt Kenneth G. Marx. AF Times 39:34 Dec 11 '78

Have you "TOLD" (TakeOff and Landing Data) any lately? illus USA Avn Dig 24:26-27 Aug '78

High speed abort. Capt Hollis R. Bagley. illus Combat Crew 28:10-11 Jul '78

Hot takeoffs can lead to cold statistics. illus Approach 23:28-29 Jan '78

The last 300 feet. Capt Bruce L. Gumble. illus MAC Flyer 25:8-11 Nov '78

No short landings? illus Aerosp Safety 34:14-15 Dec '78

Pick the right one! illus Approach 23:1-3 Jan '78

Power to spare. Capt Bruce L. Gumble. illus MAC Flyer 25:12-13 Jul '78; Combat Crew 28:16-17 Nov '78

Programmed for landing. Capt Bruce L. Gumble. illus MAC Flyer 25:21-22 Feb '78

The radio altimeter. Capt Jim H. Evans. illus Combat Crew 28:6-7+ May '78

Reduced thrust takeoffs. Capt Frank T. Werner. illus tabs Combat Crew 28:8-10 Mar '78

Reject! Capt Bruce L. Gumble. illus MAC Flyer 25:18-20 Mar '78

Runway condition. CMSgt George M. Horn. illus Aerosp Safety 34:4-5 Apr '78

The saga of Blue Flight. Capt Don Rupert. illus TAC Attack 18:12-13 Mar '78

Severe wind shear. illus Combat Crew 28:8-11 May '78

Shear distress. Maj John E. Richardson. illus Aerosp Safety 34:8-10 Apr '78

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

The smart way to go around. Capt Bob Ziener. illus tab Aerosp Safety 34:4-5 Aug '78

Stopping big ugly (F-4) ... or any other aircraft for that matter. Capt Don Rupert. illus TAC Attack 18:10-11 Apr '78

VDP (Visual Descent Point): It isn't a social disease. Capt Glenn A. Shellhouse. tabs MAC Flyer 25:18-20 Apr '78

Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Windshear for navigators. LtCol Orlen L. Brownfield. MAC Flyer 25:15 Apr '78

Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78

AIRPLANES, MILITARY - ContinuedLanding Gear

Hot takeoffs can lead to cold statistics. illus Approach 23:28-29 Jan '78

Maintenance and Repair

F-4 nose gear strut cylinder. TIG Brief 30:5 Mar 3 '78

Lighting

Strobe light retrofit. TIG Brief 30:5 Dec 1 '78

Load Distribution

More than you bargained for. Maj James G. Gibson II. illus MAC Flyer 25:13-15 Dec '78

Loading and Unloading

Stray voltage checks for munitions loading. TIG Brief 30:11 Mar 3 '78

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Markings

See Airplanes, Military--Insignia

Materials

Advanced composites in aerospace. (Developments at Air Force Materials Laboratory) Frank Cherry. illus Natl Def 62:474-475+ Mar-Apr '78

New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

Modifications

Airborne retrofit effort in full swing. illus Elect Warfare/Def Elect 10:37+ May '78

The amazing MAZ. (AF's 2762d Logistics Sq, Special (MAZ) takes on special projects) Perry Sullivan. illus Airman 22:17-19 Feb '78

Bomb/nav changes key to B-52 update. Benjamin M. Elson. illus (Also cutaway) Combat Crew 28:16-20 Dec '78

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

MAC to "stretch" C-141 Starlifters. Translog 9:20 Aug '78

Modifications to C-5s urged. AF Times 38:9 Jan 16 '78

Mothballing

See Airplanes, Military--Storage

Performance

Aircraft stability and CG (Center of Gravity). Capt Pete Abler. illus tab TAC Attack 18:18-20 Nov '78

BAe Hawk displays dual roles. Charles Gilson. illus tabs Intl Def Rev 11, No. 6:826-828 '78

The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78

AIRPLANES, MILITARY - ContinuedPiloting

- Accelerated Copilot Enrichment (ACE). Capt John H. Wayne, Jr. illus Aerosp Safety 34:26-27 Apr '78
- The automatic complacency. Capt K.E. Ternhem. illus Aerosp Safety 34:12-13 Apr '78
- Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78
- The dangerous art of doing nothing. Col James G. Jones. illus TAC Attack 18:10-13 May '78
- First things first. tab TIG Brief 30:9 May 12 '78; Condensation. TAC Attack 18:19 Jul '78
- The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78
- It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78
- Looking back at human factors. illus MAC Flyer 25: 20-21 Dec '78
- Night flight. Maj Wayne E. Griffith. illus Aerosp Safety 34:14-18 Oct '78
- Power to spare. Capt Bruce L. Gumble. illus MAC Flyer 25:12-13 Jul '78; Combat Crew 28:16-17 Nov '78
- 'Superb airmanship.' (Maj Gale French, AFR, receives the Distinguished Flying Cross and the Koligian Trophy for 1977) illus Air Reservist 30:6 Sep '78
- Tips for the operator. (Birdstrike) illus TAC Attack 18:26-27 Sep '78

Pneumatic Systems

- Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78

Power PlantsSee also

Airplanes, Military--Engines

Recognition

See Airplanes, Military--Identification

RefuelingSee also

In-Flight Refueling

- Avfuels identaplates. TIG Brief 30:6 May 26 '78
- Refueling vehicle emergency shutdown procedures. TIG Brief 30:16 Nov 17 '78

Reliability

- Air Force reliability and maintainability program. TIG Brief 30:13 Jun 23 '78

Restoration

- The Dewoitine D.520. Gaston Botquin. illus Aerosp Hist 25:153-154 Sep '78
- Reservists aiding B-17 restoration at AF Museum. Officer 54:8 Oct '78

Safety MeasuresSee also

Flying Safety

AIRPLANES, MILITARY - ContinuedSafety Measures - Cont'd

- Assaulting the limits. Col Dorsey J. Talley and Capt Richard M. Doubt. illus TAC Attack 18:6-8 Dec '78
- Effects of runway grooving. Capt Dannie O. Burk. illus tabs Aerosp Safety 34:22-25 Mar '78
- Lest we forget. (SAC's nuclear mishaps, Jan 16, 1966, and Jan 21, 1968) Maj Herman L. Reese. illus Combat Crew 28:20-21 Jan '78
- Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tiley. illus Aerosp Safety 34:15-16 Nov '78
- Quantity-Distance (Q-D) waivers. TIG Brief 30:5 Mar 3 '78
- Stray voltage checks for munitions loading. TIG Brief 30:11 Mar 3 '78
- Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Seats

- ACES (Advance Concept Ejection Seat) II is here. Rudolph C. Delgado. illus tabs Aerosp Safety 34:12-15 Sep '78

Stability

- Aircraft stability and CG (Center of Gravity). Capt Pete Abler. illus tab TAC Attack 18:18-20 Nov '78

Stalling

- Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78
- F-4 compressor stalls and the engine operating envelope. illus TAC Attack 18:18-19 Jan '78
- Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. (Reprinted from Interceptor, March 1972) illus Interceptor 20: 8-13 May '78
- The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78
- Understanding fin stall. illus MAC Flyer 25:13-15 Sep '78

Storage

- Last flight to Tucson (Davis-Monthan AFB's Aircraft Storage and Disposition Center near Tucson, Ariz) ... a sentimental journey. Bob Foster. illus Natl Guardsman 32:8-10+ Jun '78
- No bones to speak of. (Military Aircraft Storage and Disposition Center, Davis-Monthan AFB, Ariz) illus Airman 22:20-25 Jun '78

Takeoff

See Airplanes, Military--Landing and Takeoff

Tires

- Aircraft tire safety. TIG Brief 30:7 Dec 1 '78
- Effects of runway grooving. Capt Dannie O. Burk. illus tabs Aerosp Safety 34:22-25 Mar '78

Maintenance and Repair

- Aircraft tire pressures are critical. TIG Brief 30:10 Jul 21 '78

AIRPLANES, MILITARY - ContinuedTracking

See Airplanes, Military--Identification

Weight

Aircraft weight and balance system. TIG Brief 30:9
Jul 21 '78

Heavyweight bout with density altitude. illus USA Avn
Dig 24:42-43 Apr '78; Adaptation. Aerosp Safety
34:20-21 Aug '78

WindshieldsTesting

Impact tests seek safer windshields. illus AF Times
38:26 Feb 20 '78

Wings

Modifications to C-5s urged. AF Times 38:9
Jan 16 '78

New skin for Casey. LtCol Charles L. Miller. illus
Aerosp Safety 34:14-16 Feb '78

Germany (Federal Republic)

German view on new technology: Cost and perfor-
mance gains for combat aircraft. Udo Philipp.
illus Interavia 33:979-982 Oct '78

Great Britain

Crystal ball, Mark I (short range). ACM Christopher
Foxley-Norris. Army Qtr 108:14-20 Jan '78

History

Lightning F.1A XM192. (Aeroplane biography, no. 12)
C.M. Hobson. illus Air Pict 39:486 Dec '77

RussiaHistory

Aircraft of the Great Patriotic War. F. Nekrasov.
illus Soviet Mil Rev No. 7:16-18 Jul '78

Fate of Guba I. Mauno A. Salo. illus Am Avn Hist
Soc J 23:195 Fall '78

Sweden

B3LA design parameters established. illus Interavia
33:625-626 Jul '78

United States

A-10s set for European deployment in January, but
USAF buy may end in FY 81. illus Armed Forces
J Intl 116:17 Dec '78

ECM equipment for combat aircraft. Yves Robins.
illus tabs Aerosp Intl 14:37-40 Jun-Jul '78

The ever-changing fleet. William G. Holder. illus AU
Rev 29:31-42 Jul-Aug '78

Gallery of USAF weapons: Attack and observation
aircraft. illus AF Mag 61:117-118 May '78

NATO's new cautious optimism. Edgar Ulsamer.
illus AF Mag 61:37-42 Jun '78

Reserve, ANG to get more modern planes. AF
Times 38:16 Feb 27 '78

The state of USAF's weapon technology. Interview.
Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

AIRPLANES, MILITARY - ContinuedUnited States - Cont'd

A strategic blueprint for the '80s. (Strategic Air
Command is adjusting its concepts of deterrence)
Edgar Ulsamer. illus AF Mag 61:47-48+ Sep '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus
AF Mag 61:48-53 Dec '78

History

The Butler Ames flying machine of 1910. R.D. Lay-
man. illus Am Avn Hist Soc J 22:262-266 Win-
ter '77

The Douglas Skyray in fleet colors. Nicholas M. Wil-
liams. illus Am Avn Hist Soc J pt 1, 23:129-140
Summer '78

The last Lancer. Thomas E. Lowe and Earl Rehnert.
illus Am Avn Hist Soc J 23:112-119 Summer '78

Props to jets. Col Francis S. Gabreski. (Reprinted
from Airman, Aug 1957) illus Airman 22:17-20
Dec '78

Testing

Aircraft operational test and evaluation. LtCol Mi-
chael J. Butchko. illus Def Sys Mgt Rev 1:94-109
Winter '77

AIRPLANES, MILITARY TRANSPORTCharacteristics

Gallery of Soviet aerospace weapons: Transports.
illus AF Mag 61:101-103 Mar '78

Gallery of USAF weapons: Transports and tankers.
illus AF Mag 61:120-123 May '78

Piloting

Engineer to pilot. (Lockheed airlifters and how they
fly) (Interview with Jack Paterson) illus tabs MAC
Flyer 25:10-13 Oct '78

Russia

Gallery of Soviet aerospace weapons: Transports.
illus AF Mag 61:101-103 Mar '78

Spain

Spanish transports at Getafe (AFB). José Luis Gon-
zález Serrano. illus Air Pict 40:52-53 Feb '78

United States

Gallery of USAF weapons: Transports and tankers.
illus AF Mag 61:120-123 May '78

AIRPLANES, MILITARY TRANSPORT (JET)Characteristics

Gallery of Soviet aerospace weapons: Transports.
illus AF Mag 61:101-103 Mar '78

Gallery of USAF weapons: Transports and tankers.
illus AF Mag 61:120-123 May '78

Performance

Engineer to pilot. (Lockheed airlifters and how they
fly) (Interview with Jack Paterson) illus tabs MAC
Flyer 25:10-13 Oct '78

Russia

Gallery of Soviet aerospace weapons: Transports.
illus AF Mag 61:101-103 Mar '78

AIRPLANES, MILITARY TRANSPORT (JET) - Continued AIRPLANES, TRAINERUnited States

Gallery of USAF weapons: Transports and tankers.
illus AF Mag 61:120-123 May '78

AIRPLANES, PRIVATE OWNERSHIP

General aviation in West Germany: A unique situation
in Europe. Marc Grangler. map illus Interavia 33:
331-333 Apr '78

AIRPLANES, RECONNAISSANCECharacteristics

Flying the North American O-47 and the Curtiss-
Wright O-52. Col Rick Glasebrook, Ret. illus tabs
Aerosp Hist 25:5-11 Mar '78

Gallery of Soviet aerospace weapons: Reconnaissance,
ECM, and early warning aircraft. illus AF
Mag 61:100-101 Mar '78

Gallery of USAF weapons: Reconnaissance and
special-duty aircraft. illus AF Mag 61:118-119
May '78

Great Britain

Eyes of the fleet. (AEW, Airborne Early Warning,
Gannet of No. 849 Sq) Elfan ap Rees. illus Air Pict
40:88-91 Mar '78

Russia

Gallery of Soviet aerospace weapons: Reconnaissance,
ECM, and early warning aircraft. illus AF
Mag 61:100-101 Mar '78

United States

Everything you've always wanted to know about a
U-2 navigator--but didn't know where or how to
ask! Maj Phillip L. Jarvinen. tab illus (Also cut-
away) Navigator 25:5-9 Spring '78

Gallery of USAF weapons: Reconnaissance and
special-duty aircraft. illus AF Mag 61:118-119
May '78

Where the high flyers go. James A. George. illus
Airman 22:22-31 Sep '78

History

Flying the North American O-47 and the Curtiss-
Wright O-52. Col Rick Glasebrook, Ret. illus tabs
Aerosp Hist 25:5-11 Mar '78

AIRPLANES, SUPERSONICSee also

Airplanes, Transport (Supersonic)

AIRPLANES, TANKERRussia

USSR develops new Il-86 variants. Peter Borgart.
illus tab Intl Def Rev 11, No. 7:1015-1016 '78

United States

Gallery of USAF weapons: Transports and tankers.
illus AF Mag 61:120-123 May '78

Rendezvous in the "Q." Capt David E. Brown. illus
Navigator 25:22-23 Spring '78

SAC's newest tanker (KC-10A). Capt Joseph M. Vairo.
illus tab Combat Crew 28:16-18 Jul '78

AIRPLANES, TARGET see Targets, AerialCharacteristics

Gallery of Soviet aerospace weapons: Trainers. illus
AF Mag 61:104 Mar '78

Gallery of USAF weapons: Trainers. illus AF Mag
61:124 May '78

T-38 performance. Capt Stephen G. Henrich. illus
tabs USAF Ftr Wpns Rev, pp 22-25, Spring '78

Europe, Western

Alpha Jet--a European production programme with a
future. Ernst Högenauer and Rolf F. Christ. illus
tab Interavia 33:544-546 Jun '78

Alpha Jet: Special report. illus tabs Interavia 33:437-
445 May '78

France

The Fouga 90: A winner on two counts? Jean-Jacques
Meyer. illus tabs Interavia 33:852-853 Sep '78

Great Britain

BAe Hawk displays dual roles. Charles Gilson. illus
tabs Intl Def Rev 11, No. 6:826-828 '78

Flying the Hawk. Charles Gilson. illus Interavia 33:
826-827 Sep '78

Joyride in a Jetstream. (Flying with the RAF today,
no. 13) Roger Lindsay. illus Air Pict 40:16-20
Jan '78

Natural selection: Survival of the fittest. Gregory R.
Copley. illus Def & For Aff Dig 6, No. 6:18-20+ '78

Italy

The AerMacchi 339 to enter service shortly. Marc
Grangler. tab illus (Also cutaway) Interavia 33:
519-522 Jun '78

Russia

Gallery of Soviet aerospace weapons: Trainers. illus
AF Mag 61:104 Mar '78

Spain

CASA C.101: Aimed at the 3000+ trainer market.
John F. Brindley. illus tabs Interavia 33:29-30
Jan '78

United States

Gallery of USAF weapons: Trainers. illus AF Mag
61:124 May '78

I flew the T-34C--and it didn't crash. Benjamin F.
Schemmer. illus tab Armed Forces J Intl 115:36-
37+ Jul '78

AIRPLANES, TRANSPORTFuels

CAB: 9.6B gallons of fuel for war. AF Times 38:27
Feb 20 '78

Australia

The Australian general aviation scene in the 1970s.
Henry Krug. illus tabs Interavia 33:108-110
Feb '78

Great BritainHistory

Handley Page W.8. (Prototypes & experimentals,
no. 15) Elfan ap Rees. Air Pict 40:31-32 Jan '78

AIRPLANES, TRANSPORT - ContinuedRussia

Expanding airlift capacity. (Soviet military report, 1) John Fullerton. Def & For Aff Dig 6, No.3: 34-35+ '78

United States

New models for new markets--U.S. general aviation at a turning point. Marc Grangier. illus Interavia 33:103-107 Feb '78

History

Lockheed's Model 10 Electra. Thomas M. Emmert and William T. Larkins. illus tabs Am Avn Hist Soc J 23:141-153 Summer '78

North American's B-25 transports. Norman L. Avery. illus Am Avn Hist Soc J 22:136-141 Summer '77; Addenda. 23:36 Spring '78

AIRPLANES, TRANSPORT (JET)

Alternating measurement of ambient and cabin ozone concentrations in commercial jet aircraft. S. van Heusden and L.G.J. Mans. illus tabs Aviation, Space & Envmt Med 49:1056-1061 Sep '78

The aviation lease market in continual development. Robert S. Sowter. illus Interavia 33:1194-1196 Dec '78

Concorde and future airliners. (Interview with Sir George Edwards) illus Interavia 33:199-202 Mar '78

Financing airline re-equipment to 1987: Where is the money to come from? illus Interavia 33:42-43 Jan '78

The long-range business jet market: Competitors and their performance. Marc Grangier. illus tabs Interavia 33:694-698 Aug '78

Characteristics

Boeing finalizes 180/200-passenger transport family. illus tabs Interavia 33:154-156 Feb '78

Future JETS for Europe. illus tabs Interavia 33:468-470 May '78

Canada

Canadair Challenger makes its debut. May Willmot. illus tabs Interavia 33:691-693 Aug '78

Europe, Western

Airbus Industrie launches A.310 development--and prepares for a highly competitive decade. illus tabs Interavia 33:967-971 Oct '78

Airbus: Status report. Yves Robins. illus Aerosp Intl 14:42-45 Jun-Jul '78

Boeing versus Airbus--the sales battle in the medium-capacity market has started. tab illus (Also cutaway) Interavia 33:1035-1038 Nov '78

Eastern Airlines' Airbus experiment. John F. Brindley. illus map Interavia 33:135-138 Feb '78

AIRPLANES, TRANSPORT (JET) - ContinuedEurope, Western - Cont'd

Eastern Airlines enthusiastic about A.300. John F. Brindley. illus Interavia 33:635-637 Jul '78

Future JETS for Europe. illus tabs Interavia 33:468-470 May '78

Great Britain

British government approves BAe.146 go-ahead. illus tabs Interavia 33:823-825 Sep '78

Russia

USSR develops new II-86 variants. Peter Borgart. illus tab Intl Def Rev 11, No.7:1015-1016 '78

Sweden

Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78

United States

Boeing finalizes 180/200-passenger transport family. illus tabs Interavia 33:154-156 Feb '78

Boeing launches the 767. J. Philip Geddes. illus tabs Interavia 33:779-782 Sep '78

Boeing 757--the successor to the 727. Derek Wood. illus map tabs Interavia 33:1191-1193 Dec '78

Boeing versus Airbus--the sales battle in the medium-capacity market has started. tab illus (Also cutaway) Interavia 33:1035-1038 Nov '78

DC-9-80--a step forward in cockpit automation. illus Interavia 33:1197-1198 Dec '78

The L-1011-500 long-range TriStar. J. Philip Geddes. illus tabs Interavia 33:863-866 Sep '78

Paying for the next generation of airliners--how much have the "Big Three" got to spend? John N. Simon. illus tab Interavia 33:715-716 Aug '78

Rivals from Wichita: Cessna and Gates Learjet reach out for the twin bizjet market. tabs Interavia 33: 974-978 Oct '78

AIRPLANES, TRANSPORT (SUPERSONIC)

Concorde and future airliners. (Interview with Sir George Edwards) illus Interavia 33:199-202 Mar '78

Europe, Western

Concorde and the Far East: A difficult start for British Airways. Derek Wood. illus map Interavia 33:211-212 Mar '78

Concorde: Ride quality and passenger reactions. Larry G. Richards and Ira D. Jacobson. illus tabs Aviation, Space & Envmt Med 49:905-913 Jul '78

Engines for future SSTs--improving performance and reducing noise. illus tabs Interavia 33:185-186 Mar '78

AIRPLANES, V/STOLSee also

Advanced Medium Short Takeoff and Landing Transport

AIRPLANES, V/STOL - Continued

The future of military V/STOL. (Report of a seminar held at the RUSI on Oct 4, 1977) illus RUSI J for Def Studies 123:58-71 Mar '78

Technology in modern maritime affairs. Capt J.E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

Characteristics

Training to fly the Harrier. (Interview with LtCol J.E. Iles) illus Approach 23:1-6 Mar '78

Landing and Takeoff

MRAALS (Marine Remote Area Approach and Landing System) will defeat bad weather. LtCol D.W. Johnson. MarCor Gaz 62:60-61 Mar '78

VSTOL night approach. LT G.P. Tierney. illus Approach 23:28-29 Mar '78

Takeoff

See Airplanes, V/STOL--Landing and Takeoff

Great Britain

Britain and AST (Air Staff Target) 403. illus Intl Def Rev 11, No.3:341-344+ '78

Britain's Navy prepares for Sea Harrier. illus (Also cutaway) Interavia 33:1174-1177 Dec '78

The future of military V/STOL. (Report of a seminar held at the RUSI on Oct 4, 1977) illus RUSI J for Def Studies 123:58-71 Mar '78

Invincible and Sea Harrier--an overdue combination? Derek Wood. illus Intl Def Rev 11, No.2:161-163 '78

Sea Harrier ski jump interests U.S. Marines. illus Armed Forces J Intl 116:18 Nov '78

United States

A letter to the SecDef; SES decision pending. L. Edgar Prina. illus Sea Power 21:30-32 Nov '78

Planning begins for V/STOL avionics. James Fawcette. illus tabs Elect Warfare/Def Elect 10:48-52 Feb '78

U.S. Navy examining a wide range of V/STOL concepts. Howard Levy. illus Interavia 33:227-229 Mar '78

The V/STOL Catch 22s. (Prize Essay, 1978) LT James L. George, Ret. illus tab US Nav Inst Proc 104:22-29 Apr '78

V/STOL design for tactical aircraft. LtCol Clifford A. Lindell, Ret. illus tabs US Nav Inst Proc 104:119-125 Sep '78

V/STOL for close combat support. Robert G. Showers. illus tabs Natl Def 63:34-37 Sep-Oct '78

What V/STOL "really" is. (A pilot's view) Maj David C. Corbett. illus US Nav Inst Proc 104:111-114 Jun '78

AIRPLANES IN AGRICULTURE

Agricultural aircraft selected data table. Table only. Interavia 33:118-119 Feb '78

Aviation and agriculture--a developing partnership. illus tab Interavia 33:117-119 Feb '78

AIRPLANES IN AGRICULTURE - Continued

Ciba-Pilatus: A rewarding partnership. Marc Grangier. illus Interavia 33:120-122 Feb '78

U.K. agricultural aircraft operators. Norman Thelwell. illus tabs Air Pict 39:465-471 Dec '77

AIRPLANES IN BUSINESS

The Australian general aviation scene in the 1970s. Henry Krug. illus tabs Interavia 33:108-110 Feb '78

Canadair Challenger makes its debut. May Willmot. illus tabs Interavia 33:691-693 Aug '78

Dismore Aviation Ltd: Aiding business aviation. Marc Grangier. illus tabs Interavia 33:66-67 Jan '78

General aviation in West Germany: A unique situation in Europe. Marc Grangier. map illus Interavia 33:331-333 Apr '78

Giants battle in U.S. small turbine market. J. Philip Geddes. illus tabs Interavia 33:179-184 Mar '78

The long-range business jet market: Competitors and their performance. Marc Grangier. illus tabs Interavia 33:694-698 Aug '78

New models for new markets--U.S. general aviation at a turning point. Marc Grangier. illus Interavia 33:103-107 Feb '78

Philips Aviation Department: A company airline. Marc Grangier. illus Interavia 33:972-973 Oct '78

RNAV (aRea NAVigation): Corporate operators set the pace. Eric Wooten. illus tab Interavia 33:722-727 Aug '78

The Reading Show '78 (June 6-9). illus Interavia 33:747-749 Aug '78

Rivals from Wichita: Cessna and Gates Learjet reach out for the twin bizjet market. tabs Interavia 33:974-978 Oct '78

U.S. business aviation goes marching on--a report on the 31st NBAA. J. Philip Geddes. illus Interavia 33:1123-1126 Nov '78

Wolfgang Denzel GmbH: "The secret of sales growth is having a good maintenance centre." Marc Grangier. illus Interavia 33:655-656 Jul '78

AIRPLANES IN FIRE FIGHTING

Red rain (fire retardant). Capt Eugene J. Caisse. illus Aerosp Safety 34:10-11 Jul '78

AIRPLANES IN MEDICAL SERVICEHistory

The development of aeromedical evacuation in the United States Air Force, 1909-1939. Robert F. Futrell. illus Am Avn Hist Soc J 23:212-225 Fall '78

AIRPLANES IN PATROL WORK

The new abundance: Patrolling fishing zones from the air. George Owen. illus Aerosp Intl 14:42+ Apr-May '78

Offshore Tapestry--the RAF's first year. WgComdr T. C. Flanagan. illus map Royal Air Forces Qtr 18:111-121 Summer '78

AIRPLANES IN PATROL WORK - Continued

Where is Kedalion? LT Edward Mihalak. illus US
Nav Inst Proc 104:109-112 Jan '78

AIRPLANES IN RESCUE WORK

Down in the cold Atlantic. LT Jerome L. Petykowski.
illus Aerosp Safety 34:10-13 Feb '78

A tragic six days. illus Aerosp Safety pt 1, Mountain
flying. LtCol Robert Gardner and Maj Lawrence
Wagy. 34:2+; pt 2, The search for Spar 14. Col
Frank R. Jenkins. 34:3+ Jul '78; Commentary.
BrigGen Garry A. Willard, Jr. TIG Brief 30:2
Aug 25 '78

AIRPORTS

Airport charges: A decreasing element in airline
operating costs. D. Riemens. illus Interavia 33:
52-53 Jan '78

Bird control at the airport. illus TAC Attack 18:22-25
Sep '78

Birds and the airdrome. illus TAC Attack 18:18-20
Sep '78

Deja vu. (Surveys of landing conditions at unfamiliar
airports) Regular feature in issues of MAC Flyer

Obstacle clearance and its impact on air transport.
R. Tillmann. illus tabs Interavia 33:1119-1121
Nov '78

EquipmentExhibitions

Inter Airport '78: The expanding airport equipment
market. Andrew McNamee. illus Aerosp Intl 14:
31-33 Oct-Nov '78

Fires and Fire Prevention

Airport fire fighting vehicles. Ingo Kasten. illus tabs
Aerosp Intl 14:16-18+ Feb-Mar '78

Landing AidsMaintenance and Repair

Maintenance free airfield lighting system. William T.
Ferguson. illus AF Engrg & Svcs Qtr 19:4-5+
Nov '78

Statistics

Selected worldwide airport traffic statistics, 1976-
1977. Table only. Interavia 33:591 Jul '78

Europe, Western

Europe's leading airports: Meeting the challenge to
the year 2000. Peter Tallon. illus Interavia 33:
513-515+ Jun '78

France

The new Air France cargo terminal--a blueprint for
the future? illus Interavia 33:925-926 Oct '78

Japan

Narita: Controversial opening only the start of dif-
ficulties. illus map Interavia 33:570-571 Jun '78

United States

Airfield overview: City of Colorado Springs Muni,
Peterson AFB, (COS). Maj Lionel P. Johnson.
illus Interceptor 20:20-22 Feb '78

AIRPORTS - ContinuedUnited States - Cont'd

Airfield overview: Malmstrom AFB (GFA) Great
Falls, Montana. Capt Steve Randle. illus Inter-
ceptor 20:12-14 Aug '78

Tyndall AFB (PAM), Panama City, Fla. Capt Bill
Rutledge. illus Interceptor 20:10-12 Apr '78

AIRSHIPSSee also

Balloons

Navy weighs lighter-than-air comeback. Benjamin F.
Schemmer. illus tab Armed Forces J Intl 114:
16-19 Feb '77

History

Reminiscences of an LTA pilot. LtGen William E.
Kepner, Ret. illus AF Mag 61:100-102+ Sep '78

The decommissioned (airship) USS Los Angeles. Wil-
liam F. Althoff. illus Am Avn Hist Soc J pt 1,
1932-1940. 23:103-111 Summer '78

AIRSICKNESS see Motion Sickness

AIRSPACE

Airspace management. TIG Brief 30:4 Dec 1 '78

Improving the effectiveness of the military training
route program. TIG Brief 30:11-12 Jun 23 '78

RNAV (aRea NAVigation): Corporate operators set
the pace. Eric Wooten. illus tab Interavia 33:722-
727 Aug '78

Sharing the air with military jets. illus map Aerosp
Safety 34:1-3 May '78; Correction. 34:24 Oct '78

Special experience identifier for airspace managers.
TIG Brief 30:16 Sep 22 '78

You've got it and you'd better keep it. Interceptor 20:
18-19 Dec '78

AIRSPEED see Air-Speed

AIRWAYS

Fly the OAT (Operational Air Traffic). Col Thomas
H. Yates and Capt Terry W. Johnson. illus Aerosp
Safety 34:10-11 May '78

Sharing the air with military jets. illus map Aerosp
Safety 34:1-3 May '78; Correction. 34:24 Oct '78

AKERS, Albert B.

(Field artillery) Interview. MajGen Albert B. Akers.
por Fld Arty J 46:13-15 Mar-Apr '78

ALABAMAPolitics and Government

Alabama standardizing automated data processing.
Govt Exec 10:49-50 Oct '78

ALASKA

(Alaska) pipeline perspective. John J. Kern. illus
map Mil Engr 70:24-29 Jan-Feb '78

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart AF Mag 61:70-71 May '78

Circuit rider (Ch(Capt) Robert F. Johnston) serves remote Alaska sites. TSgt Joe Cardoza. illus AF Times 38:44 Mar 20 '78

How goes it? A status/progress report of the Alaskan Air Command (Comptroller). Col R.R. Ridolfi. illus map AF Compt 12:8-11 Apr '78

ALCOHOL AND ALCOHOLISM

AFLC program aimed at civilian drinkers. AF Times 38:12 Mar 6 '78

Alcohol Deglamorization Program guidance. TIG Brief 30:14 Feb 17 '78

Alcohol program aimed at (AF civilian) women shows progress. Randy Moore. AF Times 39:25 Dec 18 '78

The big step. (Army's Alcoholism Treatment Facility, Stuttgart, Ger) Marion Corddry. illus Army 28:24-28 Nov '78

Broad approach seen for alcohol abuse program. AF Times 39:29 Oct 9 '78

Civilians needing help (with alcohol-related problems) seen increasing. AF Times 38:30 Feb 27 '78

Darvon/alcohol warning issued. AF Times 38:7 Jun 12 '78

Drug and Alcohol Abuse Control Committee (DAACC). TIG Brief 30:21 Aug 4 '78

Drug and alcohol testing of individuals involved in ground mishaps. TIG Brief 30:19 Oct 20 '78

Drug help focuses on women. AF Times 39:6 Aug 21 '78

Living with an alcoholic: The drinker you're married to needs help--but you do, too. Henry J. Sage. illus AF Times, Times Magazine sup:4-7 Apr 17 '78

New survey on alcohol abuse to ask, how much, how often? AF Times 39:23 Oct 2 '78

Privacy assured for people getting drug or drink help. AF Times 39:25 Oct 16 '78

Program cuts teenage (drug and alcohol) abuse. AF Times 38:30 Feb 27 '78

Propoxyphene: A safe analgesic? TIG Brief 30:17 Feb 17 '78

Rand assessing alcohol program. AF Times 38:12 Mar 13 '78

Unauthorized disclosure of drug and alcohol abuse rehabilitation information. TIG Brief 30:15 Nov 3 '78

Laws and Regulations

Administrative suspension/revocation of base driving privileges. TIG Brief 30:13 Mar 17 '78

History

The Philadelphia connection. (Marine BrigGen Smedley D. Butler serves as Director of Public Safety for Philadelphia, 1924-25, during Prohibition) Maj John C. Short, Jr. illus MarCor Gaz 62:57-63 Nov '78

ALERT SYSTEMS

See also
Warning Systems

ALEXANDER, Clifford L., Jr

Guidance on statements by Defense officials. (Excerpt from address, West Point, June 8, 1977) Clifford L. Alexander, Jr. AF Plcy Ltr for Comdrs: Sup No.3:36-37 Mar '78

Leadership of Army involved in solving Reserve problems. (Address, Army Section luncheon, ROA Mid-Winter Conference, Washington, Feb 22-24, 1978) Clifford L. Alexander, Jr. illus Officer 56:11 May '78

Our Army and society. Clifford L. Alexander, Jr. por Army 28:20-21 Oct '78

U.S. Army explains XM-1 gun choice. Interview. Clifford L. Alexander. Intl Def Rev 11, No.3: 441 '78

ALIENS

See also
Foreign Nationals in the Armed Forces

ALL-TERRAIN VEHICLES

A "dozer" that flies? William R. Barwick. illus USA Avn Dig 24:24-25 Jul '78

ALLEN, Lew, Jr

Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. por Armed Forces J Intl 115:12 May '78

Choice and commitment. Gen Lew Allen, Jr. por AF Mag 61:64 Sep '78

(Gen David C.) Jones becoming JCS chairman; (Gen Lew) Allen next Chief of Staff, USAF. por Officer 54:10 Jun '78

(Gen David) Jones 'unretires' to head JCS; (Gen Lew) Allen named (Vice) C/S. por AF Times 38:8 Apr 17 '78

Generals Jones and Allen to be JCS Chairman, USAF Chief (of Staff). Bonner Day. por AF Mag 61:34-36 Jun '78

Girding for the long haul. Gen Lew Allen, Jr. por AF Mag 61:52-54+ Nov '78

How AF Systems Command tackles the future. C.W. Borklund. por Govt Exec 10:12-13+ Feb '78

JCS reorganizes. por Comdrs Dig 21:12 May 18 '78

New (AF) Chief (of Staff) pledges fight for benefits. (Resumé of address, AFA 32d National Convention, Washington, Sep 17-20, 1978) Gen Lew Allen, Jr. AF Times 39:1+ Oct 2 '78

New Navy and Air Force leadership. por Natl Def 63:5 Jul-Aug '78

New Pentagon team. (Gen Lew Allen, Jr, Air Force Vice Chief of Staff succeeds Gen David C. Jones as Air Force Chief of Staff; Gen Jones to chair the Joint Chiefs of Staff) por Air Reservist 30:4 Jul '78

The new Vice Chief (of Staff, AF). por Airman 22: inside front cover Apr '78

Productivity and national strength. (Remarks, 9th Annual Triservice Manufacturing Technology Conference, Orlando, Fla, Oct 5, 1977) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No.1:19-23 Jan '78

ALLEN, Lew, Jr - Continued

The state of USAF's weapon technology. Interview.
Gen Lew Allen, Jr. por AF Mag 61:36-41 May '78

ALLEN, Terry D.

(MajGen) Terry (de la Mesa) Allen (one of the finest and most controversial American combat leaders of WW II). Thomas W. Dixon. por Army 28:57-62 Apr '78

ALLIANCES see Treaties and AlliancesALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central EuropeALLIED COMMAND ATLANTIC

The defense of the Atlantic. ADM Isaac C. Kidd. illus NATO's Fifteen Nations 23:28-30+ Oct-Nov '78

ALLIED COMMAND CHANNEL

The Channel Command: Jugular vein of NATO. Adm Henry Leach. illus map NATO's Fifteen Nations 23:38-40+ Oct-Nov '78

Exercise report: The Northern Wedding. illus NATO's Fifteen Nations 23:90-91 Oct-Nov '78

ALLIED COMMAND EUROPE

See also
Allied Forces, Central Europe
Allied Forces, Northern Europe

The ACE Mobile Force. Maj John Braisby. illus NATO's Fifteen Nations 22:81-88 Dec '77-Jan '78

At sea with the field artillery (in Exercise Carbon Edge, 1977). CDR D.L. Davidson. illus Fld Arty J 46:55-57 Mar-Apr '78

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 23:92-93+ Oct-Nov '78

Ground environment for the future: The air defence of Allied Command Europe. Air Commodore E.B. Sismore. illus NATO's Fifteen Nations 23:58-60+ Aug-Sep '78

NATO's ACE (Allied Command Europe) turns up trumps (ACE Mobile Force). Maj R.A.G. Young. illus Army 28:14-18 Sep '78

Reforger 77. MSgt Dick Larsen. illus NATO's Fifteen Nations 23:65-72 Feb-Mar '78

SACEUR. Interview. Gen Alexander M. Haig, Jr. illus NATO's Fifteen Nations 23:20-22+ Oct-Nov '78

ALLIED FORCES, CENTRAL EUROPE

The Central Region: 25 years of peace. illus tab NATO's Fifteen Nations 23:93-100 Aug-Sep '78

F-15 and the air defense of Europe. Charles Gilson and Dan Boyle. illus Intl Def Rev 11, No. 5:696-700 '78

Northern Army group: 25 years. illus map NATO's Fifteen Nations 22:77-88 Oct-Nov '77

U.S. reinforcement of AFGENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

ALLIED FORCES, NORTHERN EUROPE

Amphibious warfare: The northern flank. Desmond Wettren. illus NATO's Fifteen Nations 23:28-29+ Apr-May '78

ALLIED FORCES, NORTHERN EUROPE - Continued

Assignment: Norway. TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:41-48 Jul '78

The importance of the northern flank to NATO. Gen Peter Whiteley. illus NATO's Fifteen Nations 23:18-20+ Apr-May '78

Man against nature: Exercise Arctic Express. Maj J. T. Kallunki. illus NATO's Fifteen Nations 23:65-68 Apr-May '78

The problems in the Baltic--threat and response. Comdrs Ulrich Weisser and Klaus Jancke. illus map NATO's Fifteen Nations 23:52-56 Apr-May '78

Reinforcement operations in northern Norway. Charles Latour. illus NATO's Fifteen Nations 23:34-36+ Apr-May '78

ALLIED MILITARY IN THE U.S.

See also
Exchange Programs, Military

Teaching the world to fly. (Williams AFB, Ariz, trains pilots from many nations) Maj Terry A. Arnold. illus Airman 22:20-25 Jan '78

The 'Texanization' of Sally. (FltLt Sally Whiskerd of Great Britain's Royal Air Force is teaching basic training at Lackland AFB, Tex) LtCol Fred A. Meurer. illus Airman 22:31-34 Nov '78

Education and Training

The Lone Star Luftwaffe: German GIs (at Fort Bliss, Tex) give high marks to the low-cost U.S. Lothar H. Wedekind. illus AF Times, Times Magazine sup:8-11+ Jun 12 '78

9000 foreign students trained at Keesler (AFB, Miss). AF Times 38:34 Feb 20 '78

ALTIMETERS

The radio altimeter. Capt Jim H. Evans. illus Combat Crew 28:6-7+ May '78

ALTITUDE, INFLUENCE OF

See also
Aviation--Physiological Aspects

Altitude and foods sometimes don't mix. AF Times 38:8 Jul 3 '78

Altitude tolerance of general aviation pilots with normal or partially impaired spirometric function. M. T. Latogola and others. tabs Aviation, Space & Envmt Med 49:1123-1125 Sep '78

Changes in EEG pattern during acclimatization to high altitude (3500 m) in man. W. Selvamurthy and others. illus tab Aviation, Space & Envmt Med 49:968-971 Aug '78

Study and Teaching

Altitude physiology training--yes or no. Maj Peter J. Edgette. illus tab USA Avn Dig 24:36-37 Jun '78

ALTITUDE FLIGHT

See also
Flight, Low-Altitude

Altitude and foods sometimes don't mix. AF Times 38:8 Jul 3 '78

ALTITUDE FLYING - Continued

Fly the OAT (Operational Air Traffic). Col Thomas H. Yates and Capt Terry W. Johnson. illus Aerosp Safety 34:10-11 May '78

Heavyweight bout with density altitude. illus USA Avn Dig 24:42-43 Apr '78; Adaptation. Aerosp Safety 34:20-21 Aug '78

ALUMINUM see Metals

AMATEUR RADIO OPERATORS (HAMS) see Radio Operators

AMBUSH see Surprise in Warfare

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

Arms transfers--still clouded after six months of the new policy. F. Clifton Berry, Jr. Armed Forces J Intl 115:15+ Jan '78

History of partners (ADPA and industry) in preparedness. Natl Def 62:392-394+ Mar-Apr '78

The sixtieth Annual Meeting (Washington, May 18, 1978). illus Natl Def 63:73-78 Jul-Aug '78

60th Defense Preparedness Meeting (Air Force Museum, Wright Patterson AFB, Ohio, Oct 1, 1978) covers present and future of Air Force. illus Natl Def 63:56+ Nov-Dec '78

U.S. Air Force Museum. illus Natl Def 63:58-59+ Sep-Oct '78

Directories

Partners in preparedness. illus Natl Def 62:395-430+ Mar-Apr '78

AMERICAN EXPEDITIONARY FORCE

The Baltic Society. Donald Smythe. illus Army 28: 41-42 Feb '78

AMERICAN FORCES RADIO AND TELEVISION SERVICE

AFRTS switch rejected. AF Times 38:31 Mar 6 '78

AMERICAN INDIANS

'Project Navajo.' SMSgt Hyrum Bates. illus Air Reservist 29:19-20 Mar '78

The Stockbridge (Indian) Reservation road. illus Natl Guardsman 32:10-11 Aug '78

AMERICAN LOGISTICS ASSOCIATION

"Working together to make it better." (ALA Western Regional Conference, San Francisco, March 20-21, 1978) Glenn Flood. illus Review 57:16+ May-Jun '78

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICAN SOCIETY OF MILITARY COMPTROLLERS

ASMC (American Society of Military Comptrollers) annual awards program. illus Armed Forces Compt 23:9-11 Aug '78

AMERICANS IN FOREIGN COUNTRIES

American forces in foreign cultures. CAPT Donald M. Bishop. illus US Nav Inst Proc 104:42-50 Apr '78

Foreign travel briefings continue to be a necessary defense. TIG Brief 30:4 Sep 8 '78

AMERICANS IN FOREIGN COUNTRIES - Continued

Language interoperability--a key for increased effectiveness in NATO. Gen George S. Blanchard. illus Mil Rev 58:58-63 Oct '78

Nonduty travel to Communist-controlled countries. TIG Brief 30:9 Apr 14 '78

Tax incentives for exports: 'Havens for the privileged few?' C.W. Borklund. illus Govt Exec 10:48+ Nov '78

Travel to Communist countries. TIG Brief 30:8 Mar 17 '78

AMMUNITION

Ammunition Tactics-I. LtCol William W. Breen. illus Fld Arty J 46:44-48 Jul-Aug '78

Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78

Beans and bullets. LtCol Richard P. Diehl. illus tab Armor 87:65-68 Jul-Aug '78

A bigger foot print. Capt Paul A. Leonard. illus tab Armor 87:11-13 Sep-Oct '78

Caliber .38 wadcutter hazards. TIG Brief 30:14 Oct 6 '78

Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78

Copperhead. Maj Robert A. Doughty. illus Armor 87: 45-47 Mar-Apr '78

Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78

Heavier armament for IFVs and reconnaissance vehicles? Hasso Erb. illus tab Intl Def Rev 11, No. 7: 1101-1105 '78

How much is enough? LtCol Roy E. Penepacker, Ret and Lonnie R. Minton. illus tab Fld Arty J 46:30-33 Mar-Apr '78

Mississippi Army Ammunition Plant (Picayune, Miss). illus Natl Def 62:479+ Mar-Apr '78

Munitions effectiveness, the optimum shell/fuze combination matrix: A guide for issuing an effective fire order. Capt Larry D. Aaron. illus Fld Arty J 46:34-36 Mar-Apr '78

A new 90mm light gun from Belgium. LtCol P. Crèvecoeur. illus tabs Intl Def Rev 11, No. 7:1152 '78

Okinawa passes the bullets (to Korea). Capt Edward A. Kronholm. illus Translog 9:15-17 Oct '78

The problem of hangfire effects. Henry G. Benis. illus tab Natl Def 62:321-323+ Jan-Feb '78

The same sheet of music (for physical security of conventional arms, ammunition, and explosives). (DOD Manual 5100.76M) Myrtle S. Mero. illus tab Translog 9:6-8 May '78

The silver bullet. LtCol Henry M. Crook, Jr. tab TAC Attack 18:26-27 Dec '78

Subcaliber training devices. LtCol Armand E. Racine. illus Armor 87:37-39 Jan-Feb '78

Testing

The NATO small arms trials. A.J.R. Cormack. illus tab Intl Def Rev 11, No. 7:1043-1048 '78

AMPHIBIOUS FORCES

Getting the job done with un-artillery. LtGen Louis Metzger, Ret. illus MarCor Gaz 62:64-68 Nov '78

It's time to mechanize amphibious forces. Capt Stephen W. Miller. MarCor Gaz 62:39-42 Jun '78

The II Marine Amphibious Force: A force to be reckoned with. LtCol C.A. Fleming. illus NATO's Fifteen Nations 23:52-54+ Oct-Nov '78

Marines for the future. Francis J. West, Jr. illus US Nav Inst Proc 104:34-42 Feb '78

Naval projection forces: The case for a responsive MAF (Marine Amphibious Force). Desmond P. Wilson, Jr. tabs Nav War Col Rev 31:99-105 Summer '78

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

No doubt: The U.S. needs amphibious forces. LtCol Gerald L. Ellis and Maj Gerald J. Keller. illus MarCor Gaz 62:27-28+ Feb '78

Surface reflections. CDR John B. Bonds. illus US Nav Inst Proc 104:48-55 Mar '78

Too much, too soon? The Army's hovercraft experiment. MajGen F. J. Plaskett. illus RUSI J for Def Studies 123:51-56 Sep '78

Where do the gators go from here? VADM Frank W. Vannoy, Ret. illus US Nav Inst Proc 104:88-95 Mar '78

AMPHIBIOUS OPERATIONS

ASW for the amphibious task group. LCDR William F. Mellin, Jr. illus tab US Nav Inst Proc 104:96-101 Mar '78

Amphibious warfare: The northern flank. Desmond Wettern. illus NATO's Fifteen Nations 23:28-29+ Apr-May '78

The Army fleet--vital amphibious link. John F. Sargent. illus Natl Def 63:58-60 Jul-Aug '78

Combat support: Shore party and logistics. LtCol J. O. Marsh and 1stLt M. McCormick. illus MarCor Gaz 62:50-51 Jul '78

Denmark: Bonded Item I. illus maps MarCor Gaz 62:28-33 Jul '78

Evacuation by military force. Maj W. Hays Parks. illus MarCor Gaz 62:24-33 Sep '78

It's time to mechanize amphibious forces. Capt Stephen W. Miller. MarCor Gaz 62:39-42 Jun '78

Marine: A question of identity. Capt Stephen W. Miller. illus MarCor Gaz 62:14 Jan '78

Marine Corps' Mechanized Task Force. MarCor Gaz 62:2 Sep '78

Mines come of age. 1stLt Richard B. Grant. illus MarCor Gaz 62:35-38 Aug '78

NATO's amphibious trump card. Col Richard D. Taber, Sr. map Natl Def 62:534-535+ May-Jun '78

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

Norway: Teamwork 76. illus maps MarCor Gaz 62:20-27 Jul '78

AMPHIBIOUS OPERATIONS - Continued

One more river to cross. (Solid Shield 78) JO1 Kathy Cote. illus MarCor Gaz 62:3 Aug '78

Surface reflections. CDR John B. Bonds. illus US Nav Inst Proc 104:48-55 Mar '78

Tactical sea landings (during the Great Patriotic War, 1941-45). Capt G. Alexeyev. map Soviet Mil Rev No. 12:41-44 Dec '78

Where do the gators go from here? VADM Frank W. Vannoy, Ret. illus US Nav Inst Proc 104:88-95 Mar '78

Study and Teaching

Hitting the beach: Infantrymen train in amphibious warfare. MSgt Matt Glasgow. illus Soldiers 33:45-49 Dec '78

AMPHIBIOUS VEHICLES

The Condor Radpanzer--a new IFV from Thyssen Henschel. illus tab Intl Def Rev 11, No. 1:65-66 '78

I'm glad we gave amtracs a new name. Col Victor J. Croizat, Ret. MarCor Gaz 62:18-19 Aug '78

LVT's in mechanized operations. Maj Michael F. Shisler. MarCor Gaz 62:13-14 Apr '78

New concepts in vehicles for the FMF. Capt R. A. Romagna. tab MarCor Gaz 62:61-62 Mar '78

New multi-purpose amphibious armoured vehicles from EWK. Hasso Erb. illus tab Intl Def Rev 11, No. 8:1292-1296 '78

Solving a problem with the LVTC-7. Maj John R. Moore. MarCor Gaz 62:21 Mar '78

The Transportpanzer--a new multi-purpose amphibious armoured vehicle. Hasso Erb. illus tab Intl Def Rev 11, No. 3:417-420 '78

What's a LARC (Lighter, Amphibious, Resupply, Cargo)? MSgt Matt Glasgow. illus Soldiers 33:10-11 Dec '78

Will the LVA (Landing Vehicle Assault) ride on air cushion or water wings? Maj K. T. Brunsvold. illus tabs MarCor Gaz 62:45-50 Mar '78

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

Amphibious shipping for attack helicopters. Capts E. A. DeVite and B. P. Miller III. illus tab MarCor Gaz 62:55-62 May '78

LHA-3 joins fleet--USS Belleau Wood commissioned. MarCor Gaz 62:3 Dec '78

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

Nicholson (DD-982), Nassau (LHA-4) are christened. illus MarCor Gaz 62:6 Mar '78

Surface reflections. CDR John B. Bonds. illus US Nav Inst Proc 104:48-55 Mar '78

USS Tarawa (LHA-1). Pictorial. US Nav Inst Proc 104:62-73 Jan '78

Where do the gators go from here? VADM Frank W. Vannoy, Ret. illus US Nav Inst Proc 104:88-95 Mar '78

ANDERSON, Andrew B., Jr

'Readiness now.' LtGen Andrew B. Anderson, Jr.
TIG Brief 30:1 Jul 21 '78

ANDERSON, Willard P.

A perspective for human relations. CMSgt Willard
P. Anderson, Ret and SMSgt Thomas E. Wolfe. AU
Rev 29:74-80 Mar-Apr '78

ANGOLA

Angola builds a new life. V. Vasilyev. Soviet Mil Rev
No. 10:50-51 Oct '78

Angola, national liberation, and the Soviet Union.
Daniel S. Papp. illus Parameters 8:26-39 Mar '78

The Soviet-Cuban presence in the Horn of Africa.
Lawrence Whetten. illus RUSI J for Def Studies
123:39-45 Sep '78

ANIMALSSee also

Dogs

Dogs to lose docs under (SecDef) Brown plan. Ron
Sanders. AF Times 39:10 Aug 14 '78

45 seconds ... are we all safe? Cpts Roger L. War-
nick and Milten W. Price, Jr. illus Combat Crew
28:8-11+ Feb '78

Operation of a zoonosis control clinic. TIG Brief
30:19 Jul 21 '78

Veterinary service for animals. TIG Brief 30:18
Feb 3 '78

ANIMALS IN RESEARCH

Alterations in erythrocyte survival parameters in
rats after 19.5 days aboard Cosmos 782. Henry
A. Leon and others. tab Aviation, Space & Envmt
Med 49:66-69 Jan '78

Cosmic ray effects on the eyes of rats flown on
Cosmos No. 782, experiment K-007. Delbert E.
Philpott and others. illus Aviation, Space &
Envmt Med 49:19-28 Jan '78

Effect of dehydration on erythropoiesis in mice: Rel-
evance to the "anemia" of space flight. C.D.R.
Dunn. illus tab Aviation, Space & Envmt Med 49:
990-993 Aug '78

Radiobiological experiment aboard the biosatellite
Cosmos-690. O.G. Gazenko and others. illus tabs
Aviation, Space & Envmt Med 49:42-46 Jan '78

ANNAPOLIS, MD, NAVAL ACADEMY see Naval
Academy, Annapolis, MdANTARCTIC REGIONS

Deep Freeze '78. J.D. Murphy. illus Air Reservist
29:18 Mar '78

ANTENNAS

Acousto-optics probed for ICBM defense. James
Fawcette. illus Elect Warfare/Def Elect 10:49+
Apr '78

(Advanced multimode radar for strategic bombers:
Electronically-Agile Radar--EAR) Signal 32:66
Apr '78

Antenna/receiver interdependency stressed. illus
tabs Elect Warfare/Def Elect 10:79-81+ Jun '78

ANTENNAS - Continued

Medium terminal antenna subsystem for DSCS (De-
fense Satellite Communications System). Ross F.
Winebarger and William W. Davison. illus tab Sig-
nal 32:55-58+ May-Jun '78

New transmitter locator system operational. illus
tabs Elect Warfare/Def Elect 10:61+ Aug '78

Phased array antenna fundamentals. Robert Kyle.
illus tab Mil Elect/Countermeasures 4:26-28+
Mar '78

Testing

(Portable Pattern Analyzer--PPA) Signal 32:152
May-Jun '78

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-
aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

ASW and the naval officer oceanographer. LCDR Ed-
win W. Shaar, Jr. illus US Nav Inst Proc 104:43-
49 Feb '78

ASW for the amphibious task group. LCDR William
F. Mellin, Jr. illus tab US Nav Inst Proc 104:96-
101 Mar '78

Air Force maritime missions. Hamlin A. Caldwell,
Jr. illus US Nav Inst Proc 104:28-36 Oct '78

Fixed wing aircraft in ASW. R. Richard Heppe and
Lawrence E. Channel. illus tabs map Natl Def 63:
52-55+ Nov-Dec '78

Invincible and Sea Harrier--an overdue combination?
Derek Wood. illus Intl Def Rev 11, No. 2:161-
163 '78

Is it time to sink the surface Navy? William S. Lind.
illus US Nav Inst Proc 104:62-67 Mar '78

The LAMPShip team. LCDR R. E. Hammond and LT
Pat Tierney. illus US Nav Inst Proc 104:154-158
Mar '78

Marine U-boat hunters of WW II. James S. Santelli.
MarCor Gaz 62:82-84 Nov '78

The negative influence of Mahan on anti-submarine
warfare. Capt R. A. Bowling, Ret. illus RUSI J
for Def Studies 122:52-59 Dec '77

Potential Soviet responses to the U.S. submarine
threat in the 1980s. Andrew W. Hull. illus US Nav
Inst Proc 104:24-30 Jul '78

Tactical ASW: A case for a non-nuclear submarine.
CDR A. Van Saun. illus US Nav Inst Proc 104:147-
151 Nov '78

Tactical ASW & ocean acoustic forecasting. LCDR
Alden B. Chace, Jr and LT George V. Galdorisi.
US Nav Inst Proc 104:146-147 Mar '78

Undersea projection: Submarine power in small
navies. David Harvey. illus tab Def & For Aff
Dig 6, No. 5:11+ '78

ANTISUBMARINE WARFARE - Continued

Undersea warfare: A stable segment of the U.S. defense posture. Larry L. Booda. illus Def & For Aff Dig 6, No. 5:4-5+ '78

Where is Kedalion? LT Edward Mihalak. illus US Nav Inst Proc 104:109-112 Jan '78

ANTITANK WEAPONS see

Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURESAir Force--U.S.

AF's interim abortion policy waiting for Hill action. Ron Sanders and Richard C. Barnard. AF Times 39:2 Oct 16 '78

Continued funds for stores seen. AF Times 39:19 Oct 2 '78

FY '79 Air Force budget in brief. MajGen Hans H. Driessnack. tab illus AF Compt 12:3-6 Apr '78

Hill OKs \$\$ for Jr EM travel. Andy Plattner. AF Times 39:3 Oct 23 '78

O&M (Operation and Maintenance)--the heart of (Base) Civil Engineering. Maj James G. Zody and Martin M. Fritsch. illus tabs AF Engrg & Svcs Qtr 19:2-3+ Nov '78

Report to the 95th Congress. (Statement to the House Armed Services Committee, Feb 7, 1978) John C. Stetson and Gen David C. Jones. tabs AF Plcy Ltr for Comdrs: Sup No. 4:2-19 Apr '78

Tac aircraft dominate hardware (in FY 1979 Defense budget). Len Famiglietti. AF Times 38:38 Feb 6 '78

Armed Forces

Comparisons of defence expenditures 1975-1978. London's International Institute for Strategic Studies. Table only. AF Mag 61:125 Dec '78

New directions in defense spending: A perspective. illus Def & For Aff Dig 6, No. 9:4-7+ '78

Armed Forces--France

France: Increasing defense spending. David Harvey. illus Def & For Aff Dig 6, No. 10:48 '78

Armed Forces--U.S.

"Bloody battle" over U.S. commitment to NATO for 3% real budget increase. Benjamin F. Schemmer. tabs Armed Forces J Intl 116:8-10+ Nov '78

Conferees OK comstore funds. Andy Plattner. AF Times 39:1+ Oct 16 '78

DOD (authorization) bill at White House: Main provisions listed. AF Times 39:8 Aug 21 '78

\$4.1 billion in construction OK'd on Hill for FY 79. AF Times 39:8 Aug 21 '78

Here's recap of Defense, money bills. AF Times 39:3 Nov 6 '78

Hill housing \$\$: Nothing for AF. AF Times 39:20 Sep 11 '78

APPROPRIATIONS AND EXPENDITURES - ContinuedArmed Forces--U.S. - Cont'd

The House Defense Appropriations Subcommittee: 'The biggest bang for the buck.' R. L. Janisch. illus Armed Forces J Intl 115:33-34+ Aug '78

House says no on abortions. Andy Plattner. AF Times 39:8 Aug 21 '78

Huskier NATO heads '79 Defense priorities. Eric C. Ludvigsen. illus tabs Army 28:14-19 Mar '78

New focus on NATO--the Defense budget. Charles W. Corddry. illus tabs Natl Guardsman 32:2-5 Mar '78

95th Congress: The military fared well. AF Times 39:28 Nov 6 '78

\$129.2-billion FY '79 Defense budget? Benjamin F. Schemmer. tab Armed Forces J Intl 115:8 Jan '78

The (Senate) Defense Appropriations Subcommittee: The defense dollar brokers. R. L. Janisch. illus Armed Forces J Intl 115:40-44+ Jul '78

Army--U.S.

(FY 1980) on the plus side: More Army units, more equipment, faster reinforcement. Armed Forces J Intl 116:40 Mar '78

A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78

New systems pose huge "bow wave" for Army budget. tabs Armed Forces J Intl 115:10+ Jun '78

Defense Dept--U.S.

The arms control implications of the Carter Defense budget. Lawrence J. Korb. illus tabs Nav War Col Rev 31:3-16 Fall '78

Budget: No pay cuts, new benefits asked. Tom Philippott. AF Times 38:1+ Feb 6 '78

Carter DOD (Authorization) Bill veto blamed on confusion. AF Times 39:7 Sep 11 '78

Continuity and change in U.S. national security policy. LtCol C. R. Nelson. illus tabs Mil Rev 58: 48-55 Jul '78

Defense spending: Is the budget big enough? C. W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

FY '79 Air Force budget in brief. MajGen Hans H. Driessnack. tab illus AF Compt 12:3-6 Apr '78

The FY 1979-1983 defense program: Issues and trends. Lawrence J. Korb. tabs AEI Def Rev 2, No. 2: entire issue '78

The first duty of government. (Remarks, American Legion National Convention, New Orleans, Aug 22, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-10 Nov '78

Give 'people' DOD \$\$, lawmaker (Rep Parren J. Mitchell) suggests. AF Times 38:30 Apr 10 '78

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

Global strategy behind defense budget. Drew Middleton. Natl Guardsman 32:8-9 Jul '78

House passes Defense (Authorization) Bill, rejects abortion limits. Andy Plattner. AF Times 38:3 Jun 5 '78

House puts \$ ceiling on Defense budget. AF Times 38:8 May 22 '78

House, Senate differ on ships, cruise missile carrier in FY 1979 markups. Armed Forces J Intl 115:5 Jun '78

How DOD's "year of the NATO budget" was slightly mauled by Congress. Armed Forces J Intl 116:14 Oct '78

How the new (Defense) budget should break out. tab Armed Forces J Intl 116:10 Dec '78

Huskier NATO heads '79 Defense priorities. Eric C. Ludvigsen. illus tabs Army 28:14-19 Mar '78

In focus (formerly Focus on ...) Regular feature in issues of Air Force Magazine beginning with February 1978 issue

International trends and defense. (A summary of SecDef Harold Brown's annual Defense budget report FY 1979) illus Comdrs Dig 21: entire issue Feb 23 '78

MWR (Morale, Welfare and Recreation) activities face cut in tax funding. AF Times 38:35 Apr 24 '78

Myths about the Defense budget. Francis P. Hoerber. tabs AU Rev 29:2-17 Sep-Oct '78

New focus on NATO--the Defense budget. Charles W. Corddry. illus tabs Natl Guardsman 32:2-5 Mar '78

The new strategy: A redistribution of weakness. James D. Hessman. Sea Power 21:23-28 Mar '78

No carte blanche from 'new breed' of Congressmen. Bob Gatty. illus Army 28:27-30 Mar '78

\$129.2-billion FY '79 Defense budget? Benjamin F. Schemmer. tab Armed Forces J Intl 115:8 Jan '78

\$126 billion budget--and bad news for the Navy. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:32-35 Mar '78

Overseas schools get 17 percent fund increase. AF Times 38:38 Feb 6 '78

Perspectives on FY 1979 Defense budget. (Presentation, Industrial Economics Seminar sponsored by Chase Econometric Associates, San Francisco, March 1, 1978) John A. Hewitt, Jr. tabs AF Plcy Ltr for Comdrs: Sup No.6:16-37 Jun '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. illus Govt Exec 10:45-46 Jul '78

(Pres) Carter's military budget: More than meets the eye behind the bare dollars. tabs Def Monitor 7: entire issue Apr-May '78

The proposed FY 79 Defense budget. Harold Brown. illus Comdrs Dig 21: entire issue Feb 9 '78

Prosperity in a demilitarized U.S. economy: A program for conversion. tabs Def Monitor 7: entire issue Dec '78

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

SecDef's annual report at odds with his budget guidance for next year. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:37-39 Mar '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. tab Armed Forces J Intl 115:10 Apr '78

(Sen) Stennis irked by DOD budget woes. AF Times 39:11 Jul 31 '78

Should Defense managers discount future costs? CDR Rolf H. Clark. illus Def Mgt J 14:12-17 Mar '78

Summary of DOD annual report. (Presented before House Armed Services Committee, Washington, Feb 2, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:20-28 Apr '78

Tac aircraft dominate hardware (in FY 1979 Defense budget). Len Famiglietti. AF Times 38:38 Feb 6 '78

U.S.-Soviet Military Posture. LtGen Ira C. Eaker, Ret. tab AF Times 38:13+ Feb 13 '78

Zero base budgeting--a critique. (Remarks, American Society of Military Comptrollers, Fort Myer, Va, Jan 18, 1978) MajGen Hans H. Driessnack. illus AF Plcy Ltr for Comdrs: Sup No.4:32-37 Apr '78

Energy Dept--U.S.

What makes procurement unique at the Energy Department. Interview. Michael J. Tashjian. illus Govt Exec 10:13-17 Jan '78

Marine Corps--U.S.

Development of a standard automated budget system for the operations accounts of the Marine Corps. LtCol Walter H. Skierkowski. illus tabs Armed Forces Compt 23:10-12 Nov '78

FY 1979 budget report: Good and bad news for Navy, USMC. James D. Hessman and Ellen D. Bottiny. tab illus Sea Power 21:19-27 Feb '78

The impact of the FY-79 budget on Marine Aviation. LtGen Thomas H. Miller, Jr. MarCor Gaz 62: 27-29 May '78

'More bang for the buck' shouldn't be just a slogan. Maj Edward L. House, Jr. illus MarCor Gaz 62: 46-50 Aug '78

Proposing some new models for Marine mechanized units. William S. Lind. illus MarCor Gaz 62:34-38 Sep '78

National Guard--Armed Forces--U.S.

National Guard budget: Verdict--inadequate. tab Natl Guardsman 32:6-7 Mar '78

Navy--U.S.

Atlantic Council recommends major increase in funding for U.S. Navy. L. Edgar Prina. illus Sea Power 21:13-16 Dec '78

CVN seems assured as authorization bill nears final passage. L. Edgar Prina. illus Sea Power 21: 17-19 Aug '78

APPROPRIATIONS AND EXPENDITURES - ContinuedNavy--U.S. - Cont'd

The CVN veto: What happened, what happens next, and what happens after. James D. Hessman. Sea Power 21:21-24 Sep '78

CVV minus F-14: The uncomfortable compromise. L. Edgar Prina. illus Sea Power 21:32-34 Nov '78

(DefSec) Brown changes his mind--adds ships to '79 supplemental. illus Sea Power 21:16-17 Dec '78

FY 1979 budget report: Good and bad news for Navy, USMC. James D. Hessman and Ellen D. Bottiny. tab illus Sea Power 21:19-27 Feb '78

Navy programs gain on Capitol Hill; nuclear carrier approved. L. Edgar Prina. illus Sea Power 21:13-16 Jun '78

The Navy's experimentation with zero-base budgeting. CAPT Joel E. Smith and Robert W. Downey. illus Def Mgt J 14:27-31 Jan '78

New shipbuilding cutbacks forecast in FY 80-84 defense plan. L. Edgar Prina. illus Sea Power 21:14-18 Oct '78

(Pres) Carter's military budget: More than meets the eye behind the bare dollars. tabs Def Monitor 7: entire issue Apr-May '78

Question: What's up in Naval Aviation? John Rhea. illus Sea Power 21:18-22 Mar '78

SecDef (Brown) canceled ship program because it wouldn't outrun an airplane. illus Armed Forces J Intl 115:9 Jun '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. tab Armed Forces J Intl 115:10 Apr '78

Senior Pentagon officials "miffed" at Navy "public relations" campaign for more money when it has (and will continue to get) "the lion's share." Benjamin F. Schemmer. tabs Armed Forces J Intl 115:23-24 May '78

Spirited congressional prelude to a desperation veto. L. Edgar Prina. illus Sea Power 21:14-17 Sep '78

The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

Reserve Forces--Armed Forces--U.S.

Hill committee (House Appropriations Committee) limits number of drills Reservists can miss. AF Times 39:22 Aug 21 '78

United States

The enemy is less easy to identify now. Interview. Edward R. Jayne II. illus Armed Forces J Intl 116:28+ Nov '78

AQUACULTURE

The promise of the sea--a national program is needed to harvest the rich crops of aquaculture. Ellen D. Bottiny. illus Sea Power 21:15-20 Apr '78

ARAB-ISRAELI CONFLICT, 1967-See also

Middle East Crisis, 1967
Middle East War, 1973

ARAB-ISRAELI CONFLICT, 1967- Continued

Goliath's War: Israeli operation Litani, 15-17 March 1978. Edgar O'Ballance. map MarCor Gaz 62:34-40 Dec '78

Moscow and the Mid-East settlement. Vladimir Simonov. illus Def & For Aff Dig 6, No. 6: 11-12+ '78

Thinking the unthinkable: The possibilities and implications of strategic bombing against Israel in the next war. Uri Bialer. illus tab RUSI J for Def Studies 122:65-71 Dec '77

What the next Arab-Israeli War might look like. Steven J. Rosen. Intl Sec 2:149-173 Spring '78

ARABIAN PENINSULAStrategic Importance

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan, 6, No. 6:4-7+ '78; pt 2, Iran and Oman, 6, No. 7: 14-16+ '78

Middle Eastern geopolitics: A view from the desert. Chester A. Nagle. illus maps Elect Warfare/Def Elect 10:29-30+ Jan '78

ARCHITECTUREUnited States

The airpower tower (at Randolph AFB, Tex). Capt Bob McCullough. illus Airman 22:30-33 Oct '78

The 1977 Air Force Design Awards. illus AF Engrg & Svcs Qtr 19:17 Feb '78

ARCTIC REGIONS

(Alaska) pipeline perspective. John J. Kern. illus map Mil Engr 70:24-29 Jan-Feb '78

Arctic knowledge. (Cold survival plan) illus Combat Crew 28:4-7+ Jan '78

Jan Mayen in Norwegian security policy. Ellmann Ellingsen. illus map NATO's Fifteen Nations 23: 62-64 Apr-May '78

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

A "Resolute" reminder. (Britain's search for a Northwest Passage) Geoffrey Wallis. illus US Nav Inst Proc 104:74-75 Jan '78

The Soviet Union and the northern flank of NATO. P.H. Vigor. map NATO's Fifteen Nations 23:58-60 Apr-May '78

ARCTIC TRAINING

Arctic artillery. SSgt Rick Hayeland. illus Fld Arty J 46:72-75 May-Jun '78

Arctic shelters. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:16-18 Sep '78

Cool School (Arctic Survival School, Eielson AFB, Alas). SSgt Robert S. Thompson. illus Aerosp Safety 34:20-22 Oct '78

Logistics in the Far North. William J. Haslem. illus Army Log 10:24-26 Mar-Apr '78

ARGENTINAForeign RelationsChile

The high stakes of geopolitics in Tierra del Fuego.
Stephen M. Gorman. illus tabs map Parameters 8:
45-56 Jun '78

Politics and Government

Reconciling internal security and human rights. Ma-
riano Grondona. illus Intl Sec 3:3-16 Summer '78

ARMAMENTSee also

Artillery
Munitions
Ordnance

also subdivision under specific subjects, e.g.,
Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

NATO

The control of armaments. Gen Gerd Schmückle.
illus NATO's Fifteen Nations 23:20+ Jun-Jul '78

United States

Focus on American armament. G.M. Bailly-Cowell.
illus tabs NATO's Fifteen Nations pt 1, 22:26-29+
Dec '77-Jan '78; pt 2, 23:20+ Feb-Mar '78; pt 3,
23:40-43+ Jun-Jul '78

Warsaw Pact

The control of armaments. Gen Gerd Schmückle.
illus NATO's Fifteen Nations 23:20+ Jun-Jul '78

ARMED FORCESSee also

General Purpose Forces
Interservice Cooperation
Strategic Forces

Unification of the Armed Forces

also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Armed Forces--U.S.
Officers--Armed Forces--U.S.
Promotion--Armed Forces--U.S.

The ABCA (American, British, Canadian and Austra-
lian Armies) standardization program. William M.
Mannel. illus Signal 32:20-24 Apr '78

Statistics

Comparative strengths of armed forces 1957-1978.
London's International Institute for Strategic
Studies. Table only. AF Mag 61:124 Dec '78

Comparisons of military manpower 1974-1978: Lon-
don's International Institute for Strategic Studies.
Table only. AF Mag 61:126-127 Dec '78

The Military Balance: 1977/78. London's Interna-
tional Institute for Strategic Studies. illus tabs
Aerosp Intl 13: entire issue Dec '77-Jan '78

The Military Balance: 1978/79. London's International
Institute for Strategic Studies. illus tabs AF Mag
61:61-127 Dec '78

AfghanistanStatistics

Afghanistan. London's International Institute for Stra-
tegic Studies. Tables only. AF Mag 61:99 Dec '78

ARMED FORCES - ContinuedAfrica, Sub-SaharanStatistics

Sub-Saharan Africa. London's International Institute
for Strategic Studies. illus tabs AF Mag 61:93-96
Dec '78

AlbaniaStatistics

Albania. London's International Institute for Strategic
Studies. Tables only. AF Mag 61:84 Dec '78

AlgeriaStatistics

Algeria. London's International Institute for Strategic
Studies. Tables only. AF Mag 61:88 Dec '78

AngolaStatistics

Angola; People's Republic of. London's International
Institute for Strategic Studies. Tables only. AF
Mag 61:93 Dec '78

ArgentinaStatistics

Argentina. London's International Institute for Stra-
tegic Studies. Tables only. AF Mag 61:106-107
Dec '78

AsiaStatistics

Other Asian countries and Australasia. London's In-
ternational Institute for Strategic Studies. illus
tabs AF Mag 61:99-105 Dec '78

AustraliaStatistics

Australia. London's International Institute for Stra-
tegic Studies. Tables only. AF Mag 61:99-100
Dec '78

AustriaStatistics

Austria. London's International Institute for Strategic
Studies. Tables only. AF Mag 61:84 Dec '78

BahrainStatistics

Bahrain. London's International Institute for Strategic
Studies. Tables only. AF Mag 61:88 Dec '78

BangladeshStatistics

Bangladesh. London's International Institute for Stra-
tegic Studies. Tables only. AF Mag 61:100 Dec '78

BelgiumStatistics

Belgium. London's International Institute for Strategic
Studies. Tables only. AF Mag 61:78 Dec '78

ARMED FORCES - ContinuedBoliviaStatistics

Bolivia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:107 Dec '78

Brazil

The Brazilian Armed Forces: Military policy and conventional capabilities of an emerging power. William Perry. illus tabs Mil Rev 58:10-24 Sep '78

Statistics

Brazil. London's International Institute for Strategic Studies. Tables only. AF Mag 61:107-108 Dec '78

BruneiStatistics

Brunei. London's International Institute for Strategic Studies. Tables only. AF Mag 61:100 Dec '78

BulgariaStatistics

Bulgaria. London's International Institute for Strategic Studies. Tables only. AF Mag 61:71-72 Dec '78

BurmaStatistics

Burma. London's International Institute for Strategic Studies. Tables only. AF Mag 61:100 Dec '78

CambodiaStatistics

Kampuchea (Cambodia). London's International Institute for Strategic Studies. Tables only. AF Mag 61:102 Dec '78

Canada

Canada's professional military: The limits of civilianization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

Organization

The defence of Canada. Col Norman L. Dodd. Army Qtr 108:38-46 Jan '78

Statistics

Canada. London's International Institute for Strategic Studies. Tables only. AF Mag 61:79-80 Dec '78

CeylonStatistics

Sri Lanka (Ceylon). London's International Institute for Strategic Studies. Tables only. AF Mag 61:105 Dec '78

Chile

Why the Armed Forces intervened in Chile. Col R. T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

Statistics

Chile. London's International Institute for Strategic Studies. Tables only. AF Mag 61:108 Dec '78

ARMED FORCES - ContinuedChina (People's Republic)

The Chinese Armed Forces and the Soviet Union. Brig Kenneth Hunt. illus NATO's Fifteen Nations 23:72-75+ Jun-Jul '78

The formative influence of the civil wars: Societal roles of the Soviet and Chinese armies. Jonathan R. Adelman. tab Armed Forces & Soc 5:93-116 Fall '78

Statistics

China. London's International Institute for Strategic Studies. illus tabs AF Mag 61:97-98 Dec '78

China (Republic)Statistics

China: Republic of (Taiwan). London's International Institute for Strategic Studies. Tables only. AF Mag 61:101 Dec '78

ColombiaStatistics

Colombia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:108 Dec '78

Congo (Brazzaville)Statistics

Congo: People's Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 61:93-94 Dec '78

Cuba

The Cubans in Africa. Bonner Day. illus map AF Mag 61:43-46 Apr '78

Statistics

Cuba. London's International Institute for Strategic Studies. Tables only. AF Mag 61:108 Dec '78

CyprusStatistics

Cyprus. London's International Institute for Strategic Studies. Tables only. AF Mag 61:88 Dec '78

CzechoslovakiaStatistics

Czechoslovakia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:72 Dec '78

DenmarkStatistics

Denmark. London's International Institute for Strategic Studies. Tables only. AF Mag 61:80 Dec '78

Dominican RepublicStatistics

Dominican Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 61:108-109 Dec '78

ARMED FORCES - ContinuedEcuadorStatistics

Ecuador. London's International Institute for Strategic Studies. Tables only. AF Mag 61:109 Dec '78

EgyptStatistics

Egypt. London's International Institute for Strategic Studies. Tables only. AF Mag 61:88-89 Dec '78

EthiopiaStatistics

Ethiopia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:93-94 Dec '78

EuropeStatistics

Other European countries. London's International Institute for Strategic Studies. tabs illus AF Mag 61:84-86 Dec '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

Europe, Western

Mass armies in the 1970s: The debate in Western Europe. Catherine McArdle Kelleher. tabs Armed Forces & Soc 5:3-30 Fall '78

Military unions for the U.S.: The irrelevance of the European experience. Col William J. Taylor, Jr. tab illus Nav War Col Rev 30:79-88 Winter '78

FinlandStatistics

Finland. London's International Institute for Strategic Studies. Tables only. AF Mag 61:85 Dec '78

FranceStatistics

France. London's International Institute for Strategic Studies. Tables only. AF Mag 61:80-81 Dec '78

Germany (Democratic Republic)Statistics

German Democratic Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 61:72 Dec '78

Germany (Federal Republic)

The influence of military service on political and social attitudes: A study of socialization in the German Bundeswehr. Ekkehard Lippert and others, trans by Robert Shirer. tabs Armed Forces & Soc 4:265-282 Winter '78

Statistics

Germany: Federal Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 61:81-82 Dec '78

ARMED FORCES - ContinuedGhanaStatistics

Ghana. London's International Institute for Strategic Studies. Tables only. AF Mag 61:94 Dec '78

Great Britain

The British military contribution to the Alliance. J.K.Ledlie. illus NATO's Fifteen Nations 23:145-150 Oct-Nov '78

Home defence and the Armed Forces. Air Marshal Leslie Mavor, Ret. Royal Air Forces Qtr 18:263-265+ Autumn '78

Statistics

Britain. London's International Institute for Strategic Studies. Tables only. AF Mag 61:78-99 Dec '78

GreeceStatistics

Greece. London's International Institute for Strategic Studies. Tables only. AF Mag 61:81+ Dec '78

GuatemalaStatistics

Guatemala. London's International Institute for Strategic Studies. Tables only. AF Mag 61:109 Dec '78

HondurasStatistics

Honduras. London's International Institute for Strategic Studies. Tables only. AF Mag 61:109 Dec '78

HungaryStatistics

Hungary. London's International Institute for Strategic Studies. Tables only. AF Mag 61:72 Dec '78

IndiaStatistics

India. London's International Institute for Strategic Studies. Tables only. AF Mag 61:101 Dec '78

IndonesiaStatistics

Indonesia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:101 Dec '78

IranStatistics

Iran. London's International Institute for Strategic Studies. Tables only. AF Mag 61:89 Dec '78

IraqStatistics

Iraq. London's International Institute for Strategic Studies. Tables only. AF Mag 61:89 Dec '78

ARMED FORCES - ContinuedIrelandStatistics

Eire. London's International Institute for Strategic Studies. Tables only. AF Mag 61:84-85 Dec '78

Israel

From brigade to division. Col Gideon Avidor. illus Mil Rev 58:64-71 Oct '78

Israel's defense doctrine: Background and dynamics. MajGen Israel Tal. illus Mil Rev 58:22-37 Mar '78

Statistics

Israel. London's International Institute for Strategic Studies. Table only. AF Mag 61:89-90 Dec '78

ItalyStatistics

Italy. London's International Institute for Strategic Studies. Tables only. AF Mag 61:82 Dec '78

JapanStatistics

Japan. London's International Institute for Strategic Studies. Tables only. AF Mag 61:101-102 Dec '78

JordanStatistics

Jordan. London's International Institute for Strategic Studies. Tables only. AF Mag 61:90 Dec '78

KenyaStatistics

Kenya. London's International Institute for Strategic Studies. Tables only. AF Mag 61:94 Dec '78

Korea (Democratic People's Republic)

Withdrawal from Korea: A perplexing decision. Ernest W. Lefever. illus tab Strat Rev 6:28-35 Winter '78

Statistics

Korea: Democratic People's Republic (North). London's International Institute for Strategic Studies. Tables only. AF Mag 61:102 Dec '78

Korea (Republic)

Withdrawal from Korea: A perplexing decision. Ernest W. Lefever. illus tab Strat Rev 6:28-35 Winter '78

Statistics

Korea: Republic of (South). London's International Institute for Strategic Studies. Tables only. AF Mag 61:102 Dec '78

KuwaitStatistics

Kuwait. London's International Institute for Strategic Studies. Tables only. AF Mag 61:90 Dec '78

ARMED FORCES - ContinuedLaosStatistics

Laos. London's International Institute for Strategic Studies. Tables only. AF Mag 61:102-103 Dec '78

Latin AmericaStatistics

Latin America. London's International Institute for Strategic Studies. illus tabs AF Mag 61:106-110 Dec '78

LebanonStatistics

Lebanon. London's International Institute for Strategic Studies. Tables only. AF Mag 61:90 Dec '78

LibyaStatistics

Libya. London's International Institute for Strategic Studies. Tables only. AF Mag 61:90 Dec '78

LuxembourgStatistics

Luxembourg. London's International Institute for Strategic Studies. Tables only. AF Mag 61:82 Dec '78

MalaysiaStatistics

Malaysia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:103 Dec '78

Mediterranean RegionStatistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 61:87-92 Dec '78

MexicoStatistics

Mexico. London's International Institute for Strategic Studies. Tables only. AF Mag 61:109-110 Dec '78

Middle EastStatistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 61:87-92 Dec '78

(Middle East electronic order of battle index) Elect Warfare/Def Elect 10:55-56+ Jan '78

MongoliaStatistics

Mongolia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:103 Dec '78

ARMED FORCES - ContinuedMoroccoStatistics

Morocco. London's International Institute for Strategic Studies. Tables only. AF Mag 61:91 Dec '78

MozambiqueStatistics

Mozambique. London's International Institute for Strategic Studies. Table only. AF Mag 61:94 Dec '78

NATO

The ACE Mobile Force. Maj John Braisby. illus NATO's Fifteen Nations 22:81-88 Dec '77-Jan '78

The military balance in Europe. Frederick W. Young. (Taken from The Soviet Military Buildup and U.S. Defense Spending, by Brookings Institution, 1977) illus tabs Mil Rev 58:38-45 Mar '78; Royal Air Forces Qtr 18:239-245 Autumn '78

Statistics

The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 61:74-75+ Dec '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

NepalHistory

The Gurkha came out of the Himalayas to become Britain's legendary soldier. LtCol Donald R. Gardner. illus MarCor Gaz 62:48-52 Feb '78

Statistics

Nepal. London's International Institute for Strategic Studies. Tables only. AF Mag 61:103 Dec '78

NetherlandsStatistics

Netherlands. London's International Institute for Strategic Studies. Tables only. AF Mag 61:82-83 Dec '78

New ZealandStatistics

New Zealand. London's International Institute for Strategic Studies. Tables only. AF Mag 61:103-104 Dec '78

NigeriaStatistics

Nigeria. London's International Institute for Strategic Studies. Tables only. AF Mag 61:94-95 Dec '78

NorwayStatistics

Norway. London's International Institute for Strategic Studies. Tables only. AF Mag 61:83 Dec '78

ARMED FORCES - ContinuedOmanStatistics

Oman. London's International Institute for Strategic Studies. Tables only. AF Mag 61:91 Dec '78

PakistanStatistics

Pakistan. London's International Institute for Strategic Studies. Tables only. AF Mag 61:104 Dec '78

ParaguayStatistics

Paraguay. London's International Institute for Strategic Studies. Tables only. AF Mag 61:110 Dec '78

PeruStatistics

Peru. London's International Institute for Strategic Studies. Tables only. AF Mag 61:110 Dec '78

Philippines (Republic)Statistics

Philippines. London's International Institute for Strategic Studies. Tables only. AF Mag 61:104-105 Dec '78

PolandStatistics

Poland. London's International Institute for Strategic Studies. Tables only. AF Mag 61:72 Dec '78

PortugalStatistics

Portugal. London's International Institute for Strategic Studies. Tables only. AF Mag 61:83 Dec '78

QatarStatistics

Qatar. London's International Institute for Strategic Studies. Tables only. AF Mag 61:91 Dec '78

RhodesiaStatistics

Rhodesia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:95 Dec '78

RumaniaStatistics

Romania. London's International Institute for Strategic Studies. Tables only. AF Mag 61:73 Dec '78

Russia

Air defense of Soviet ground forces. Col Daniel K. Malone. illus tab AF Mag 61:78-83 Mar '78

The Chinese Armed Forces and the Soviet Union. Brig Kenneth Hunt. illus NATO's Fifteen Nations 23:72-75+ Jun-Jul '78

ARMED FORCES - ContinuedRussia - Cont'd

Few soldiers gripe about Soviet rigors. AF Times 38:34 May 15 '78

Food for the Soviet soldier. Victoria Dibbern. illus Army Log 10:18-23 Mar-Apr '78

The formative influence of the civil wars: Societal roles of the Soviet and Chinese armies. Jonathan R. Adelman. tab Armed Forces & Soc 5:93-116 Fall '78

Frontier sentinels. (Interview with LtGen I.P. Vertelko) illus Soviet Mil Rev No. 5:12-14 May '78

Mighty weapon of the Party. Gen A. Yepishev. illus Soviet Mil Rev No. 7:2-6 Jul '78

A sacred and honourable duty. A. Alexandrov and I. Igorev. illus Soviet Mil Rev No. 1:37+ Jan '78

The size and quality of the Soviet Armed Forces and Soviet military policy. P.H. Vigor. NATO's Fifteen Nations 22:24-26+ Oct-Nov '77

Soviet airlift limited. AF Times 38:12 May 15 '78

The Soviet Armed Forces. (Presentation, seminar sponsored by the Council on Foreign Relations and the Kennan Institute for Advanced Russian Studies, Washington, May 5, 1978) LtGen W.Y. Smith. tabs AF Plcy Ltr for Comdrs: Sup No. 8:12-23 Aug '78

Soviet military report. Regular feature in some issues of Defense & Foreign Affairs Digest

The Soviet motorized rifle company is part of a combined arms. Maj D.G. Nargele. illus MarCor Gaz 62:30-35 Oct '78

Soviets cook on the move. Karen Prella. illus Army Log 10:22-23 Mar-Apr '78

Universal military training in the USSR. Harriet Fast Scott. illus tab AF Mag 61:84-88 Mar '78

What are the Russians up to? Les Aspin. tabs Intl Sec 3:30-54 Summer '78

History

The art of gaining victory. Gen A. Radziyevsky. illus Soviet Mil Rev No. 1:23-26 Jan '78

Guardian of peaceful labour, bulwark of universal peace. Gen I. Pavlovsky. illus Soviet Mil Rev No. 1:2-7 Jan '78

Logistics of the Soviet Armed Forces. Gen S.K. Kurkotkin. illus Soviet Mil Rev No. 8:2-6 Aug '78

Pages of heroic history. (60th Anniversary of Soviet Army and Navy) illus Soviet Mil Rev No. 1:16p sup Jan '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. illus Aerosp Hist 25:74-77 Jun '78

Organization

Organization of Soviet Armed Forces. charts AF Mag 61:89-91 Mar '78

Statistics

The Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 61:68-70 Dec '78

ARMED FORCES - ContinuedRussia - Cont'dStatistics - Cont'd

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 61:64-70 Dec '78

Saudi ArabiaStatistics

Saudi Arabia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:91 Dec '78

SenegalStatistics

Senegal. London's International Institute for Strategic Studies. Tables only. AF Mag 61:95 Dec '78

SingaporeStatistics

Singapore. London's International Institute for Strategic Studies. Tables only. AF Mag 61:105 Dec '78

Somali Democratic RepublicStatistics

Somali Democratic Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 61:95 Dec '78

South Africa (Republic)Statistics

South Africa. London's International Institute for Strategic Studies. Tables only. AF Mag 61:95 Dec '78

SpainStatistics

Spain. London's International Institute for Strategic Studies. Tables only. AF Mag 61:85 Dec '78

SudanStatistics

Sudan. London's International Institute for Strategic Studies. Tables only. AF Mag 61:91-92 Dec '78

SwedenStatistics

Sweden. London's International Institute for Strategic Studies. Tables only. AF Mag 61:85-86 Dec '78

SwitzerlandStatistics

Switzerland. London's International Institute for Strategic Studies. Tables only. AF Mag 61:86 Dec '78

SyriaStatistics

Syria. London's International Institute for Strategic Studies. Tables only. AF Mag 61:92 Dec '78

ARMED FORCES - ContinuedTanzaniaStatistics

Tanzania. London's International Institute for Strategic Studies. Tables only. AF Mag 61:96 Dec '78

ThailandStatistics

Thailand. London's International Institute for Strategic Studies. Tables only. AF Mag 61:105 Dec '78

TunisiaStatistics

Tunisia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:92 Dec '78

TurkeyStatistics

Turkey. London's International Institute for Strategic Studies. Tables only. AF Mag 61:83 Dec '78

UgandaStatistics

Uganda. London's International Institute for Strategic Studies. Tables only. AF Mag 61:96 Dec '78

United Arab EmiratesStatistics

United Arab Emirates (UAE). London's Institute for Strategic Studies. Tables only. AF Mag 61:92 Dec '78

United States

Armed Forces Week--1978. illus Comdrs Dig 21: entire issue Apr 7 '78

Job figures ignore military. Richard C. Barnard. AF Times 38:14+ Apr 3 '78

Legal change within the United States Armed Forces since World War II. James B. Jacobs. tab Armed Forces & Soc 4:391-421 Spring '78

People. Gen George S. Brown. illus Officer 54:27-29 Apr '78

Professionalism in transition: The officer corps in the age of deterrence. LtCol Thomas A. Fabyanic. AU Rev 29:38-45 Sep-Oct '78

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs Digest

Who speaks for the military? VADM G. E. Miller, Ret. illus Armed Forces J Intl 114:20-21 Mar '77

Organization--History

Service unification: Arena of fears, hopes, and ironies. Lawrence J. Korb. illus US Nav Inst Proc 104:170-183 May '78

Statistics

FY 79 military loss to be 20,000 slots. AF Times 38:10 Feb 13 '78

ARMED FORCES - ContinuedUnited States - Cont'dStatistics - Cont'd

The United States. London's International Institute for Strategic Studies. illus tabs AF Mag 61:65-67 Dec '78

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 61:64-70 Dec '78

UruguayStatistics

Uruguay. London's International Institute for Strategic Studies. Tables only. AF Mag 61:110 Dec '78

VenezuelaStatistics

Venezuela. London's International Institute for Strategic Studies. Tables only. AF Mag 61:110 Dec '78

Vietnam (Socialist Republic)Statistics

Vietnam: Socialist Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 61:105 Dec '78

Warsaw Pact

The military balance in Europe. Frederick W. Young. (Taken from The Soviet Military Buildup and U.S. Defense Spending, by Brookings Institution, 1977) illus tabs Mil Rev 58:38-45 Mar '78; Royal Air Forces Qtr 18:239-245 Autumn '78

Statistics

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 61:71-73 Dec '78

YemenStatistics

Yemen Arab Republic (North). London's International Institute for Strategic Studies. Tables only. AF Mag 61:92 Dec '78

Yemen (People's Democratic Republic)Statistics

Yemen: People's Democratic Republic (South). London's International Institute for Strategic Studies. Tables only. AF Mag 61:92 Dec '78

YugoslaviaStatistics

Yugoslavia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:86 Dec '78

Zaire RepublicStatistics

Zaire Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 61:96 Dec '78

ARMED FORCES - ContinuedZambiaStatistics

Zambia. London's International Institute for Strategic Studies. Tables only. AF Mag 61:96 Dec '78

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

AFCEA--good for small business? Lewis A. Bondon. illus Signal 32:36-37 Apr '78

AFCEA '78. Dan Boyle. illus Intl Def Rev 11, No. 7: 1108-1112 '78

(AFCEA's 32d Annual Convention Program, Washington, June 20-22, 1978) illus Signal 32:15-18 May-Jun '78

(32d AFCEA Convention Report, Washington, June 20-22, 1978) illus Signal 32: entire issue Aug '78

Directories

AFCEA's new directors, class of 1982. illus Signal 33:67-71 Nov-Dec '78

The 1978 AFCEA sustaining and group member capabilities directory. illus Signal 32:78-141 Jan '78

ARMED FORCES DAY

Armed Forces Week--1978. illus Comdrs Dig 21: entire issue Apr 7 '78

Peace through total force readiness. (Remarks, Armed Forces Day luncheon, Harrisburg, Pa, May 18, 1978) LtGen Abbott C. Greenleaf. AF Ploy Ltr for Comdrs: Sup No. 8:24-33 Aug '78

ARMED FORCES IN EUROPE

Arguments for making better use of NATO's Reservist potential. Col Rudolf Woller. illus NATO's Fifteen Nations 23:97-99 Jun-Jul '78

MBFR (Mutual and Balanced Force Reductions): Little progress but disquieting trends. Jeffrey Record. illus tab Strat Rev 6:11-17 Summer '78

Mutual force reductions: A military perspective. Steven Canby. Intl Sec 2:122-135 Winter '78

U.S. Armed Forces in Europe. (Remarks, U.S. and NATO Armed Forces personnel, Ramstein AB, Ger, May 19, 1978) Harold Brown. AF Ploy Ltr for Comdrs: Sup No. 8:2-8 Aug '78

ARMED FORCES INSTITUTE see Defense Activity for Non-Traditional Educational Support

ARMED FORCES RADIO AND TELEVISION SERVICE see American Forces Radio and Television Service

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.

ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.

ARMORSee also

Armored Vehicles
Armored Warfare

Shaped charge/armor nemesis. Donald R. Beeman. illus Natl Def 62:561-564 May-Jun '78

ARMOR - ContinuedEducation and Training

BAT (Basic Armor Training). Maj James S. Cary. illus tabs Armor 87:26-29 Mar-Apr '78

Russia

Soviet armor: A study in efficiency. A. W. McMaster III. illus tab Armor 87:30-33 Jan-Feb '78

The Soviet motorized rifle company is part of a combined arms. Maj D. G. Nargele. illus MarCor Gaz 62:30-35 Oct '78

United States

ARMIS (Armor Management Information System). Capt Donald M. Skipper. illus Armor 87:23-25 Sep-Oct '78

Airborne armor. LtCol Albert S. Britt. illus Mil Rev 58:60-64 Sep '78

Armor Leadership Award. illus Armor 87:25 Jan-Feb '78

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

Going the mechanization route. 2dLt Jonathan J. Mott. MarCor Gaz 62:17-18 Oct '78

How a Marine rifle company should conduct a mechanized attack. Capt W. R. Stephens. illus MarCor Gaz 62:22-29 Oct '78

Master gunner. SSgt John Savard. illus Soldiers 33: 36-39 Feb '78

Mechanized Infantry and antitank weapons. MajGen William J. Livsey, Jr. Armor 87:38-41 Jul-Aug '78

Plugging holes and mending fences. Capts Gregory Fontenot and Matthew D. Roberts. illus Infantry 68:32-36 May-Jun '78

History

Are we ready for the future? Gen William E. DePuy, Ret. illus tabs Army 28:22-29 Sep '78

Maintenance and Repair

Reliability centered armor maintenance. Capt Donald E. Skipper. illus Armor 87:57-59 Jul-Aug '78

Warsaw Pact

Teeth of the bear: WarPac divisions. Richard Dana. Def & For Aff Dig 6, No. 7:30-31+ '78

ARMOR ASSOCIATION see United States Armor Association

ARMORED CENTERS AND SCHOOLS

BAT (Basic Armor Training). Maj James S. Cary. illus tabs Armor 87:26-29 Mar-Apr '78

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

Master gunner. SSgt John Savard. illus Soldiers 33: 36-39 Feb '78

ARMORED FORCES see Armor

ARMORED PERSONNEL CARRIERS see Armored Vehicles

ARMORED VEHICLESSee also

Tanks, Military

The Begleitpanzer 57 mm--a new combat vehicle concept for the '90s. illus tab Intl Def Rev 11, No.2:222-224 '78

Competition speeds DIVAD (DIVision Air Defense gun system). Edward E. Berry. illus Natl Def 62: 532-533+ May-Jun '78

The Condor Radpanzer--a new IFV from Thyssen Henschel. illus tab Intl Def Rev 11, No.1: 65-66 '78

FVS--a true mounted Infantry combat system. R. Griest. illus Intl Def Rev 11, No.1:79-80 '78

Forward area alerting radar. 1st Lt Manuel E. Gonzalez. illus Air Def Mag, pp 30-32, Apr-Jun '78

French wheeled combat vehicles. LtCol Claude deBisschop. illus tab Armor 87:29 Jan-Feb '78

Heavier armament for IFVs and reconnaissance vehicles? Hasso Erb. illus tab Intl Def Rev 11, No.7: 1101-1105 '78

The new Cadillac Gage Commando Scout vehicle. tab illus Intl Def Rev 11, No.2:218-221 '78

New family of Panhard armoured vehicles. R.M. Ogorkiewicz. illus tab Intl Def Rev 11, No.1: 75-78 '78

New multi-purpose amphibious armoured vehicles from EWK. Hasso Erb. illus tab Intl Def Rev 11, No.8:1292-1296 '78

Tank-automotive news. Regular feature in some issues of National Defense

The Transportpanzer--a new multi-purpose amphibious armoured vehicle. Hasso Erb. illus tab Intl Def Rev 11, No.3:417-420 '78

U.S. advances in tracked armoured vehicle transmissions. R.M. Ogorkiewicz. illus Intl Def Rev 11, No.3:396-400 '78

The U.S. Army combat support vehicle--light armoured reconnaissance vehicle or superjeep? Hasso Erb. illus tab Intl Def Rev 11, No.6:917-920 '78

Wheeled armoured vehicles. Christopher F. Foss. illus NATO's Fifteen Nations 23:74-76+ Feb-Mar '78

Wheeled combat vehicles offer a possible solution to the Marine Corps' ground mobility. Maj James R. Williams. illus tab MarCor Gaz 62:41-48 Oct '78

Equipment

A new 90mm light gun from Belgium. LtCol P. Crevecoeur. illus tabs Intl Def Rev 11, No.7:1152 '78

Rolls-Royce CV diesels--a commercial range with high output for fighting vehicles. illus tab Intl Def Rev 11, No.4:593-596 '78

Study and Teaching

Armor training vehicles. Richard M. Ogorkiewicz. illus Armor 87:18-19 Jul-Aug '78

Cadets train in IFV (Infantry Fighting Vehicle) driving. Col D. Ryazantsev. illus Soviet Mil Rev No. 12: 14-15 Dec '78

ARMORED VEHICLES - ContinuedTesting

Design simulators for armored vehicles. Allan S. Chace. illus Armor 87:26-28 Jan-Feb '78

ARMORED WARFARESee also

Missiles, Antitank

AH-64: The U.S. Army's advanced attack helicopter. J. Philip Geddes. illus tabs Intl Def Rev 11, No.8: 1247-1252 '78

Antiarmor night fighting. illus Armor 87:40-41 Jan-Feb '78

The antitank battalion. Maj Dennis Carlin. illus USA Avn Dig 24:9-11 Dec '78

Antitank defence. Col K. Sokolov. map Soviet Mil Rev No.5:18-21 May '78

Armored warfare study offers wisdom from experience. Capt T. Kevin Griffin. illus MarCor Gaz 62: 14-16 Sep '78

Assault on the Crimea. Capt Ron Brown. illus MarCor Gaz 62:43-47 Feb '78

Battery antitank defense. Maj C.T. Catchings. illus Fld Arty J 46:10-13 Jul-Aug '78

(The Central Battle) (Keynote address, 1978 Armor Conference) Gen Donn A. Starry. illus tabs Armor 87:32-36 Jul-Aug '78

Combined arms. Gen Donn A. Starry. illus Armor 87:21-22 Sep-Oct '78

A concept for countering smoke. Maj Arley H. McCormick. illus Mil Rev 58:2-9 Dec '78

Denmark: Bonded Item I. illus maps MarCor Gaz 62: 28-33 Jul '78

Germany: Bonded Item III. illus map MarCor Gaz 62: 34-49 Jul '78

The indirect fire threat (to Army Aviation). Capt Robert K. Stephan. illus USA Avn Dig 24:15-17 Jul '78

Infantry on the high-intensity battlefield of Central Europe. Maj Barry R. McCaffrey. illus Mil Rev 58:3-6 Jan '78

It's time to mechanize amphibious forces. Capt Stephen W. Miller. MarCor Gaz 62:39-42 Jun '78

Marine Corps' Mechanized Task Force. MarCor Gaz 62:2 Sep '78

Norway: Teamwork 76. illus maps MarCor Gaz 62: 20-27 Jul '78

Proposing some new models for Marine mechanized units. William S. Lind. illus MarCor Gaz 62:34-38 Sep '78

Redleg tankers. Maj John W. Mountcastle. illus Fld Arty J 46:50-52 Nov-Dec '78

SHORAD (SHORt Range Air Defense) requirements of the Armored Cavalry Regiment. Maj William F. Daugherty. illus tabs Air Def Mag, pp 7-11, Jan-Mar '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. illus Intl Def Rev 11, No.9:1405-1412 '78

ARMORED WARFARE - Continued

The tank is alive and well. LtCol Michael J. Hatcher. illus map Mil Rev 58:75-87 Feb '78

2.75 update: Whatever happened to "the egg on the wall?" Col James L. Tow. tab illus (Also cutaway) USA Avn Dig 24:10-15 May '78

Updating the tank company. Capt Maxwell O. Johnson. MarCor Gaz 62:19-20 Oct '78

WAAM (Wide Area Anti-armour Munitions)--the U.S. Air Force's next generation of anti-armour weapons. R.D.M. Furlong. illus Intl Def Rev 11, No.9: 1378-1379 '78

We don't blow enough smoke! LtCol Raymond E. Bell, Jr and Capt Terry J. Treat. illus Armor 87:16-19 Mar-Apr '78

Study and Teaching

Air cavalry. LtCol Donald R. Martin. Armor 87:36-38 Jul-Aug '78

BAT (Basic Armor Training). Maj James S. Cary. illus tabs Armor 87:26-29 Mar-Apr '78

Mechanized Infantry and antitank weapons. MajGen William J. Livsey, Jr. Armor 87:38-41 Jul-Aug '78

ARMS CONTROL

See also
Disarmament

Air Force R&D programs. LtGen Alton D. Slay. illus Natl Def pt 1, 62:386-389 Mar-Apr '78; pt 2, 62: 551-552+ May-Jun '78

Are the Soviets and SALT compatible? Harvey A. DeWeerd. illus Army 28:30-32 Nov '78

Arms control and gray-area systems. Jack H. Harris and William D. Bajusz. illus AF Mag 61:36-39 Feb '78

Arms control and human rights. (Report of a seminar, Nov 2, 1977) Adam Raphael. RUSI J for Def Studies 123:3-10 Jun '78

Arms control and strategic stability. Peter Hughes. illus tabs AF Mag 61:56-64 Apr '78

The arms control implications of the Carter Defense budget. Lawrence J. Korb. illus tabs Nav War Col Rev 31:3-16 Fall '78

The arms race: Is paranoia necessary for security? George B. Kistiakowsky. illus Def Monitor 7: entire issue Mar '78

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

Concern about SALT: Détente at the expense of security? Wolfram von Raven. illus NATO's Fifteen Nations 23:65+ Jun-Jul '78

The control of armaments. Gen Gerd Schmückle. illus NATO's Fifteen Nations 23:20+ Jun-Jul '78

Could we be wrong? Donald L. Clark. illus AU Rev 29:28-37 Sep-Oct '78

The cruise missile and the strategic balance. Robert Kennedy. illus Parameters 8:49-61 Mar '78

Cruise missiles and their implications for Western European defence. WgComdr D. J. Loveridge. Royal Air Forces Qtr 18:34-43 Spring '78

ARMS CONTROL - Continued

Cruise missiles in Europe--will Europe have a say? Intl Def Rev 11, No.7:1010 '78

Cruise missiles, NATO and the "European option." Hans Rühle. illus Strat Rev 6:46-52 Fall '78

Detente and deterrence: From Kissinger to Carter. Keith A. Dunn. illus Parameters 7, No.4:46-55 '77

"Division of labor" in the Western Alliance. Col Marc E. Geneste, Ret. illus US Nav Inst Proc 104:42-51 Nov '78

The equal sign in the SALT II equation. Edgar Ulsamer. AF Mag 61:27-31 Jan '78

Farewell 'Posture Statement.' Gen George S. Brown. illus AF Mag 61:43-47 Oct '78

"The fine old game of killing": Comparing U.S. and Soviet arms sales. Bridget Gail. tabs Armed Forces J Intl pt 1, 116:16-18+ Sep '78; pt 2, 116: 37-39 Nov '78

The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No. 1:2-12 '78

Girding for the long haul. Gen Lew Allen, Jr. illus AF Mag 61:52-54+ Nov '78

If NATO gets cruise, Cuba will, too: Soviets. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21: 26-27 Apr '78

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L. Garthoff. Intl Sec 3: 112-147 Summer '78

The neutron warhead: Stormy past, uncertain future. LtCol Alex A. Vardamis. illus Parameters 8:40-48 Mar '78

On controlling the Soviet-American nuclear arms competition. Barry H. Steiner. Armed Forces & Soc 5:53-71 Fall '78

Potential Soviet responses to the U.S. submarine threat in the 1980s. Andrew W. Hull. illus US Nav Inst Proc 104:24-30 Jul '78

The Russians aren't coming ... they're here! MajGen J. Milnor Roberts. illus Officer 54:20-23 Jun '78

SACEUR. Interview. Gen Alexander M. Haig, Jr. illus NATO's Fifteen Nations 23:20-22+ Oct-Nov '78

SALT I and the arms race. LtGen Ira C. Eaker, Ret. AF Times 39:15-16 Oct 30 '78

SALT II and test ban--arms control or symbolism. Charles H. Wilson. illus Officer 54:14-16+ Sep '78

SALT-II myths. Harvey A. DeWeerd. illus Army 28: 14-17 May '78

SALT II stirs heated debate. Andy Plattner. AF Times 38:20 Jun 19 '78

SALT: A gloomy future. Ben T. Plymale and Thomas P. Rona. AF Mag 61:64-69 Oct '78

SALT and Soviet nuclear doctrine. Stanley Sienkiewicz. Intl Sec 2:84-100 Spring '78

SALT and the balance of superpower strategic forces. Jacquelyn K. Davis. tabs NATO's Fifteen Nations 23:56-61 Feb-Mar '78

SALT illusions. Frederick M. Sallagar. AF Mag 61: 43-48 Jun '78

ARMS CONTROL - Continued

- Set goals, then talk SALT. (From address, Air Force Assoc, Robins AFB, Ga) Sen Sam Nunn. AF Times 39:23 Aug 14 '78
- The significance of SALT. J. William Fulbright. AEI Def Rev 2, No.4:2-14 '78
- Soviet air-launched cruise missiles--irrelevant to SALT II? Alexander Malzeyev. illus tabs map Intl Def Rev 11, No.1:41-45 '78
- Soviet bombers: A growing threat. Bonner Day. illus AF Mag 61:84-87 Nov '78
- Soviet rocket forces: Military capability, political utility. Colin S. Gray. illus tab AF Mag 61:49-55 Mar '78
- Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78
- Soviets have edge (in SALT talks). (Interview with Rep Charles H. Wilson) Len Famiglietti. AF Times 38:3 Jan 23 '78
- Strategic and arms control implications of laser weapons: A preliminary assessment. Barry J. Smernoff. illus tabs AU Rev 29:38-50 Jan-Feb '78
- The strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 21: entire issue Mar 9 '78
- Technological innovation, SALT, and stable deterrence. Glenn W. Goodman, Jr. illus AU Rev 29: 22-30 May-Jun '78
- United Nations Special Session on Disarmament. (Interview with Paul Newman, U.S. delegate, and RADM Gene R. LaRoque, Ret) illus Def Monitor 7:1-5 Aug '78
- U.S. cruise missile progress. H. Lucas. illus Intl Def Rev 11, No.7:1037-1042 '78
- U.S. NATO policy: The challenge and the opportunity. Robin L. Beard. illus US Nav Inst Proc 104:52-61 Nov '78
- Verification and the future of arms control. Carnes Lord. illus Strat Rev 6:24-32 Spring '78
- Verifying the SALT agreements: Must it be by faith alone? Harvey A. DeWeerd. illus Army 28:15-18 Aug '78
- What if SALT II fails? Gen Maxwell D. Taylor, Ret. AEI Def Rev 2, No.4:15-23 '78
- Women asked to back SALT II. Andy Plattner. AF Times 39:4 Dec 18 '78
- History
- SALT and nuclear balance in Europe. Fred Charles Iklé. illus Strat Rev 6:18-23 Spring '78

ARMS RACE

- The accelerating momentum of Soviet military might. Edgar Ulsamer. illus tabs AF Mag 61:34-41 Mar '78
- The arms race: Is paranoia necessary for security? George B. Kistiakowsky. illus Def Monitor 7: entire issue Mar '78
- Braking the 'mad momentum' behind the arms race. Harold Willens. illus Def Monitor 7:6-8 Aug '78
- Burning problem (disarmament). LtCol V. Amelchenko. Soviet Mil Rev No.8:50-51 Aug '78

ARMS RACE - Continued

- Disarmament: Thirty years of failure. Wayland Young. Intl Sec 2:33-50 Winter '78
- The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No.8: 1237-1241 '78
- The equal sign in the SALT II equation. Edgar Ulsamer. AF Mag 61:27-31 Jan '78
- European mobilization: U.S. and NATO Reserves. Steven L. Canby. Armed Forces & Soc 4:227-244 Winter '78
- "The fine old game of killing": Comparing U.S. and Soviet arms sales. Bridget Gail. tabs Armed Forces J Intl pt 1, 116:16-18+ Sep '78; pt 2, 116: 37-39 Nov '78
- Global strategy behind defense budget. Drew Middleton. Natl Guardsman 32:8-9 Jul '78
- Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78
- Hard running: The U.S. has not dropped out of the nuclear arms race. tab Def Monitor 7: entire issue Sep-Oct '78
- Interview. (Gen) Alexander M. Haig, Jr. illus Def & For Aff Dig 6, No.1:4-7 '78
- Myopic visions of the arms race: The immortality of metaphors. Maj Augustus R. Norton. illus Nav War Col Rev 31:48-53 Fall '78
- On controlling the Soviet-American nuclear arms competition. Barry H. Steiner. Armed Forces & Soc 5:53-71 Fall '78
- On estimating and imputing intentions. Raymond L. Garthoff. Intl Sec 2:22-32 Winter '78
- Pivotal problem of our times. (War and peace) Col V. Khrobostov and LtCol V. Gorbunov. Soviet Mil Rev No.1:59-61 Jan '78
- SALT I and the arms race. LtGen Ira C. Eaker, Ret. AF Times 39:15-16 Oct 30 '78
- SALT II stirs heated debate. Andy Plattner. AF Times 38:20 Jun 19 '78
- SALT illusions. Frederick M. Sallagar. AF Mag 61: 43-48 Jun '78
- The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78
- Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRoque. tabs Def Monitor 7: entire issue Jul '78
- United Nations Special Session on Disarmament. (Interview with Paul Newman, U.S. delegate, and RADM Gene R. LaRoque, Ret) illus Def Monitor 7:1-5 Aug '78

ARMS SALES

- Arms for Israel: The limit of leverage. Thomas R. Wheelock. Intl Sec 3:123-137 Fall '78
- Arms sales: A program with a purpose. Herbert Y. Schandler. illus Sea Power 21:28-33 Feb '78
- Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs Digest

ARMS SALES - Continued

Arms transfers--still clouded after six months of the new policy. F.Clifton Berry, Jr. Armed Forces J Intl 115:15+ Jan '78

Behind the confusion over U.S. arms sales. Bonner Day. illus AF Mag 61:56-60 Dec '78

Beyond the "plane package": Arms and politics in the Middle East. Andrew J.Pierre. Intl Sec 3:148-161 Summer '78

The brave old world develops its own sword and shield. Gregory Copley. illus Def & For Aff Dig 6, No.10:16-17+ '78

Britain's military exports: A vital transfusion. John Fullerton. illus Def & For Aff Dig 6, No.5: 17-20+ '78

Carter goal of "multilateral action" to reduce arms sales evaporates with Anglo-French Jaguar sale to India. Benjamin F.Schemmer. Armed Forces J Intl 116:20 Nov '78

The Carter policy: Can it cut the arms connection? tab Def Monitor 7:4-8 Feb '78

Cruise missiles in Europe--will Europe have a say? Intl Def Rev 11, No.7:1010 '78

FY 78 arms sales ceiling; real, or number-juggling? Armed Forces J Intl 116:8 Mar '78

"The fine old game of killing": Comparing U.S. and Soviet arms sales. Bridget Gail. tabs Armed Forces J Intl pt 1, 116:16-18+ Sep '78; pt 2, 116: 37-39 Nov '78

An industrial view of armament export and collaboration. Claus-Detlef Lehmann. illus NATO's Fifteen Nations 23:69-71 Oct-Nov '78

Iran's security in the 1980s. Shahram Chubin. tab Intl Sec 2:51-80 Winter '78

Is France a paper tiger--or an elusive wildcat? Michel Theoval. illus Armed Forces J Intl 116: 22-23+ Nov '78

Israel produces parts of F-15s that may end up in Saudi Arabia. Armed Forces J Intl 115:18 May '78

Italy: Quiet naval power. Gregory R.Copley. illus Def & For Aff Dig 6, No.4:19-20+ '78

Jimmy Carter's arms transfer policy: It won't work. Gen Bernard A.Schriever, Ret. AEI Def Rev 2, No.5:16-28 '78

The law of supply and the armed: Industry and the U.S. arms control policies. David Harvey. illus tab Def & For Aff Dig 6, No.9:15-17+ '78

NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C.W.Borklund. Govt Exec 10:43+ Dec '78

Needed: A policy of restraint for United States arms transfers. Dick Clark. tabs AEI Def Rev 2, No.5:2-15 '78

New directions in defense spending: A perspective. illus Def & For Aff Dig 6, No.9:4-7+ '78

The role of security assistance in maintaining access to strategic resources. William B.Hankee and Alwyn H.King. illus Parameters 8:41-50 Sep '78

ARMS SALES - Continued

Study finds Iran FMS program confused, misdirected, poorly-controlled. Armed Forces J Intl 115:10-11 Jan '78

Third World arms production: An end to embargoes? Gregory R.Copley and others. illus Def & For Aff Dig 6, No.8:10-13+ '78

Third World arms production: Less power to the superpowers. Gregory Copley. illus Def & For Aff Dig 6, No.9:24-26+ '78

Trade liberalization as a path to weapons standardization in NATO. Charles Wolf, Jr and Derek Leebaert. tabs Intl Sec 2:136-159 Winter '78

United States arms export policy and weapons cooperation. Robert A.Gessert. illus tabs NATO's Fifteen Nations 22:56-59+ Dec '77-Jan '78

U.S. arms transfers to NATO--past, present, future. James C.Appleyard and others. tabs NATO's Fifteen Nations 22:70-71+ Dec '77-Jan '78

U.S. strategic interests in Iran and Saudi Arabia. Robert Ghobad Irani. illus map Parameters 7, No.4:21-34 '77

U.S. weapons exports: Can we cut the arms connection? tabs Def Monitor 7:1-4 Feb '78

Why France's arms exports make it a paper tiger. Beau Morris. illus Armed Forces J Intl 116:19+ Oct '78

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

Statistics

U.S. weapons exports: Can we cut the arms connection? tabs Def Monitor 7:1-4 Feb '78

ARMSTRONG, Neil A.

A citizen looks at national defense. (Address, Cincinnati-Dayton joint ADPA meeting, May 1, 1978) Neil Armstrong. por Natl Def 63:69-70 Sep-Oct '78

ARMYSee also

Armor
Artillery
Infantry

also subdivision under specific subjects, e.g., Education and Training--Army--U.S.

Biography

Old Bill. William K.Emerson. illus Armor 87:28-29 Sep-Oct '78

Corps, Divisions, etcStatistics

Average strength of military formations. London's International Institute for Strategic Studies. Table only. AF Mag 61:124 Dec '78

Great Britain

Too much, too soon? The Army's hovercraft experiment. MajGen F.J.Plaskett. illus RUSI J for Def Studies 123:51-56 Sep '78

United StatesSee also

1st Cavalry Division (Artillery)
Transportation Units

ARMY - ContinuedCorps, Divisions, etc - Cont'dUnited States - Cont'd

The 31st Air Defense Artillery Brigade. Capt C. E. Kirkpatrick. illus Air Def Mag, pp 8-13, Oct-Dec '77

101st Airborne Division (Air Assault). Lt Bruce S. Jasurda. illus Infantry 68:16-19 May-Jun '78

Army's Navy. MSgt Matt Glasgow. illus Soldiers 33:6-9 Dec '78

17th Aviation Group (Combat). Capts Phillip L. Curtis and Craig E. Gels. illus map USA Avn Dig 24:20-22 Nov '78

CEGE's (Combat Equipment Group Europe) got it all! Steve Abbott. illus Soldiers 33:49-51 Nov '78

Caisson Platoon--in the tradition of the horse soldier. Capt Joe Sciuto. illus Soldiers 33:37-40 Nov '78

The Frankfurt connection. Steve Abbott. illus Soldiers 33:32-33 Dec '78

1st Infantry Division. Lt George C. Dellinger. illus Infantry 68:18-23 Mar-Apr '78

2d Infantry Division. Maj William J. Diehl, Jr. illus map Infantry 68:14-18 Nov-Dec '78

4th Infantry Division. Dick Devlin. illus Infantry 68:18-23 Jul-Aug '78

25th Infantry Division. SP5 B. J. Small. illus Infantry 68:18-22 Sep-Oct '78

SHORAD (SHORt Range Air Defense) requirements of the Armored Cavalry Regiment. Maj William F. Daugherty. illus tabs Air Def Mag, pp 7-11, Jan-Mar '78

United States--History

Go for broke: The 442d Combat Team story. MSgt Matt Glasgow. illus Soldiers 33:6-12 Nov '78

USMA Detachment of Field Artillery. Col Numa P. Avendano, Ret. illus Fld Arty J 46:36-39 Jul-Aug '78

United States--Organization

The advanced attack helicopter challenge. LtCol David L. Funk. illus Armor 87:16-22 Jan-Feb '78

Arm, fuel, and maintain forward--logistics impact of the Division Restructuring Study. Maj Daniel M. Smith. illus Army Log 10:2-7 Mar-Apr '78

The battalion scout platoon is alive and well. Capt Marc A. King. illus tabs Armor 87:35-37 Sep-Oct '78

DRS (Division Restructuring Study)--its not-so-obvious impact. Capt Darrell Morgeson. illus tab Fld Arty J 46:21-24 Nov-Dec '78

DRS (Division Restructuring Study): Transition to the 1980s. LtCol Jack H. Griffith, Jr. illus Infantry 68:31-32 Jan-Feb '78

Overcoming 'company grade mentality.' LtCol Jerry W. Betts. illus Army Log 10:30-32 Mar-Apr '78

A report on DRS (Division Restructure Study). LtCol Homer J. Gibbs. illus Fld Arty J 46:36-40 May-Jun '78

ARMY - ContinuedCorps, Divisions, etc - Cont'dUnited States--Organization - Cont'd

Requiem for the Infantry. (Division Restructuring Study) LtCol Robert G. Chaudrue. illus Infantry 68:28-31 May-Jun '78

White House, DOD debate future of new "home" for Corps of Engineers. Armed Forces J Intl 116:50-51 Dec '78

AfricaHistory

African soldiers in World War II. Rita Headrick. Armed Forces & Soc 4:501-526 Spring '78

China (People's Republic)

China's "men on horseback": Military politics since the fall of the "Gang of Four." David Chambers. RUSI J for Def Studies 123:38-40+ Mar '78

EgyptHistory

Nizam--Egypt's Army in the 19th century. David Nicolle. Army Qtr pt 1, 108:69-78 Jan '78

EuropeHistory

Foot soldiers of the Crusades. John Koster. illus Infantry 68:38-42 Sep-Oct '78

Foot soldiers of the Dark Ages. John Koster. illus Infantry pt 1, Romans and barbarians, 68:34-38 Jan-Feb '78; pt 2, Arabs, Franks, and Saxons. 68:38-43 Mar-Apr '78; pt 3, Norsemen and Normans. 68:40-47 May-Jun '78

Great Britain

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77; Commentary. Brig A. J. Trythall. RUSI J for Def Studies 123:36-39 Sep '78

Ulster: The name of the internal security game. R. B. Pengelley. illus Intl Def Rev 11, No. 8: 1297-1301 '78

GreeceHistory

Some observations on the Greek military in the inter-war period, 1918-1935. Thanos Veremis. Armed Forces & Soc 4:527-541 Spring '78

Holy Roman EmpireHistory

Armed service and nobility in the Holy Roman Empire: General aspects and Habsburg particulars. Thomas M. Barker. Armed Forces & Soc 4:449-500 Spring '78

Hungary

The political and professional perspectives of the Hungarian Armed Forces. Ivan Volgyes. J Pol & Mil Sociol 5:279-294 Fall '77

ARMY - ContinuedJapan

Japan's developing Army. Col Wilfred L.Ebel. (Reprinted from National Defense, Sep-Oct 1977)
illus Mil Rev 58:29-33 Apr '78

History

Crisis and reaction: The Japanese Army in the "liberal" twenties. Leonard A.Humphreys. Armed Forces & Soc 5:73-92 Fall '78

Middle EastHistory

Foot soldiers of the Crusades. John Koster. illus Infantry 68:38-42 Sep-Oct '78

NATO

Continuous land combat operations: Are we only half effective? John J.Emanski and John C.Scharfen. RUSI J for Def Studies 123:26-31 Jun '78

New Zealand

New Zealand's defence problems. Col Norman L. Dodd, Ret. illus map chart RUSI J for Def Studies 123:49-56 Jun '78

Russia

Combat engineers of the Soviet Army. C.N.Donnelly. illus Intl Def Rev 11, No.2:193-200+ '78

Commander's role in controlling logistics. Col Gen I.Golushko. Soviet Mil Rev No.9:12-14 Sep '78

Moral potential of the Soviet Army. VAdm A.Sorokin. illus Soviet Mil Rev No.4:2-5 Apr '78

The morale of the Soviet Army: Some implications for combat effectiveness. Maj Richard A.Gabriel. illus Mil Rev 58:27-39 Oct '78

(Soviet) Army helps national economy. Maj V.Pilipenko. illus Soviet Mil Rev No.4:35-36 Apr '78

(Soviet) engineer support to water crossings. illus tabs Intl Def Rev 11, No.2:201-203 '78

Where the Soviets are vulnerable. LtCol John D. Baker, Jr. illus Army 28:22-27 Aug '78

History

Garrison on the edge of a desert. LtCol N.Yelshin. illus Soviet Mil Rev No.1:43-45 Jan '78

The ground forces in Soviet military policy. John Erickson. illus map Strat Rev 6:64-79 Winter '78

United StatesSee also

Army Communications Command
Army Materiel Development and Readiness Command
Criminal Investigation Command
Forces Command
Military Traffic Management Command
Signal Corps
Training and Doctrine Command
Transportation Corps

The all-volunteer Army: Is it really working? Mel R. Jones. Natl Guardsman 32:4-8 Feb '78

ARMY - ContinuedUnited States - Cont'd

Army strategy today: Control war, keep peace. LtCol Harry G.Summers, Jr. Army 28:37-38+ Oct '78

Army work measurement--where do we go from here? Gerry Chaney. illus Armed Forces Compt 23:26-30 Aug '78

Better reasons behind Army's 120 mm XM-1 gun choice than made public? illus Armed Forces J Intl 116:14+ Mar '78

The democratic Army and the nation-state. LtCol Andrew P.O'Meara, Jr. illus Parameters 8:35-44 Jun '78

Does the Army have a future? Deterrence and civil-military relations in the post-Vietnam era. LtCol Alfred H.Paddock, Jr. illus Parameters 8:51-57 Sep '78

(FY 1980) on the plus side: More Army units, more equipment, faster reinforcement. Armed Forces J Intl 116:40 Mar '78

Force readiness key to meeting crisis demands. Gen Bernard W.Rogers. illus Army 28:22-25 Oct '78

Management update: The Army science and technology program. Marvin E.Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78

(1978 Green Book: Status reports, command and staff directory, weapons directory) illus Army 28: entire issue Oct '78

On the growth of the American economy: The role of the U.S. Army. Col William S.Hollis. illus Mil Rev 58:10-18 Dec '78

Our Army and society. Clifford L.Alexander, Jr. illus Army 28:20-21 Oct '78

Racist Army. Capt G.Nikolayev. Soviet Mil Rev No.11:49-50+ Nov '78

Retiring (Army) Vice Chief says keep soldier in mind. Gen Walter T.Kerwin, Jr. illus Officer 54:6 Aug '78

(Sen Sam) Nunn to Army: Build a flying tank, not AMST. illus Armed Forces J Intl 115:12 Apr '78

Total Army. (Active and Reserve components) Capt Warren S.Lacy. illus Soldiers 33:15-19 Jun '78

Values of today's Army. Gen Walter T.Kerwin, Jr. illus Soldiers 33:4 Sep '78

History

The adventures of a junior military aviator: Extracts from the diary of Leo G.Heffernan, edited by Maj R.K.McMaster, Ret. illus Aerosp Hist 25:92-102 Jun '78

Chihuahua Cavalry (U.S. Army). LtCol R.Gordon Pynes, Jr. illus Armor 87:36-39 May-Jun '78

John Paul Jones O'Brien. Col Robert M.Stegmaier, Ret. illus map Fld Arty J 46:47-49 May-Jun '78

Old Bill. William K.Emerson. illus Armor 87:28-29 Sep-Oct '78

The unit and posterity. (Task of the unit historian) Capt John M.Manguso. illus Army 28:43-47 Feb '78

ARMY - ContinuedUnited States - Cont'dHistory - Cont'd

Where an Army came of age: Winter at Valley Forge. Col John B.B. Trussell, Jr, Ret. illus Army 28: 14-17+ Jan '78

Organization

Army in need of rescue, now, from own paperwork avalanche. LtGen Edward M. Flanagan, Jr. Army 28:13-14 Jul '78

DISCOM (Division Support COMmands) in a "come as you are" war. LtCol Moorad Mooradian. illus Mil Rev 58:41-53 Jun '78

Leadership for tomorrow's Army: An American General Staff system. Col William L. Hauser. illus Parameters 8:2-9 Sep '78

Solid force structure links winning to budget and fox-hole. Cols Anthony G. Pokorny and Dandridge M. Malone. Army 28:83-84 Oct '78

Statistics

Manpower: A thumbnail sketch of the Army's personnel status and some future requirements. Tables only. Mil Rev 58:86-87 Jul '78

Warsaw Pact

Teeth of the bear: WarPac divisions. Richard Dana. Def & For Aff Dig 6, No.7:30-31+ '78

ARMY, 6th

Something for nothing. Col Herbert J. Duke, Jr, Ret. Army 28:47-48 May '78

ARMY, 7th

Command credibility problems. Lewis Sorley. Armed Forces J Intl 116:18-20 Dec '78

ARMY, 8th

Combat-ready on the DMZ (DeMilitarized Zone). Gen John W. Vessey, Jr. illus Army 28:86-90 Oct '78

Directories

Eighth U.S. Army. Army 28:112 Oct '78

ARMY, EUROPESee also

Army, 7th

CEGE's (Combat Equipment Group Europe) got it all! Steve Abbott. illus Soldiers 33:49-51 Nov '78

The Frankfurt connection. Steve Abbott. illus Soldiers 33:32-33 Dec '78

3d Infantry Division. LtCol Horace G. Taylor. map illus Infantry 68:18-22 Jan-Feb '78

1978: The 'year of the soldier.' Gen George S. Blanchard. illus Army 28:58-62 Oct '78

USAREUR and the Reserve Components. LtCol William C. Mackert. illus Army Log 10:30-33 Nov-Dec '78

"USAREUR's equipment inventory at highest level state ever." Interview. Gen George Samuel Blanchard. illus tab NATO's Fifteen Nations 22: 95-97+ Dec '77-Jan '78

ARMY, EUROPE - Continued

Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78

Directories

U.S. Army, Europe. Army 28:112 Oct '78

ARMY, JAPAN

"Total system" transportation management (at MTMC Terminal, Yokohama). illus map Translog 9:2-5 Mar '78

Directories

U.S. Army, Japan. Army 28:112 Oct '78

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Armed Forces--U.S.

ARMY ARMAMENT MATERIEL READINESS COMMAND

Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78

Mississippi Army Ammunition Plant (Picayune, Miss). illus Natl Def 62:479+ Mar-Apr '78

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATIONFrance

French Army Aviation. Col Claude F. Regis. illus USA Avn Dig 24:3-5 Dec '78

Germany (Federal Republic)

12th International Helicopter Forum (Bückeburg, Germany, May 8-10, 1978): Emphasis on safety and survivability. Rudi Meller. illus tabs Intl Def Rev 11, No.5:669-672 '78

Great Britain

British Army Aviation. Col A.C.D. Watts. tabs USA Avn Dig 24:2+ Dec '78

United States

ATM (Aircrew Training Manuals): A better way to train. Capt Ronald Cox. USA Avn Dig 24:28-30 Aug '78

AVNEC (Army AViation Employment Conference, Fort Rucker, Ala, March 1978). illus USA Avn Dig pt 1, Standardization & interoperability. LtCol Wayne B. Lunsetter and Maj Ted T. Cordrey. 24: 2-5 Jun '78; pt 2, How to fight: Offense. Maj J.F. Fields. 24:3-6 Jul '78; pt 3, How to fight: Defense. Maj Kenneth H. Bardot. 24:5-7 Aug '78; pt 4, Army Aviation personnel and training problems. Maj Glenn G. Rother. 24:13-15 Sep '78

Air cavalry. LtCol Donald R. Martin. Armor 87:36-38 Jul-Aug '78

Airborne air defense artillery weapons system. Capt Edward H. Littlejohn III. illus USA Avn Dig 24:2-7 Mar '78

Army Aviation--"getting ready." BrigGen Charles E. Canedy. illus tabs USA Avn Dig 24:1-3+ Aug '78

Army Aviation in the Pacific. MajGen James C. Smith. map illus USA Avn Dig 24:1+ May '78

ARMY AVIATION - ContinuedUnited States - Cont'd

The Army National Guard aviation program. MajGen E.H. Walker. illus tabs USA Avn Dig 24:1-6 Oct '78

17th Aviation Group (Combat). Capts Phillip L. Curtis and Craig E. Gels. illus map USA Avn Dig 24:20-22 Nov '78

Black Hawk enters production--LAMPS future unsure. Ramon Lopez. illus Intl Def Rev 11, No.8:1269-1274 '78

Crew rest in Reserve/Guard components. J.Scott Bond. illus tab USA Avn Dig 24:11+ Aug '78

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Evaluation of utilization & training preparation for female Army aviators. tabs USA Avn Dig 24:34-37 Dec '78

FIST takes to the air. Col James F. McCarthy, Sr and Maj Jim S. Hutchinson. illus Fld Arty J 46: 25-27 Nov-Dec '78

Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78

Keeping up with Army Aviation R&D. R. Bruce Deam. illus USA Avn Dig 24:38-41 Mar '78

The "L-plane plan," Air Assault I/II, and the long wait. CW2 Jon F. Langione. illus USA Avn Dig 24: 24-25 Jun '78

The M-56 scatterable mine system. CW4 Frank W. Kervin. illus tab USA Avn Dig 24:44-46 Apr '78

The need for instrument training for Army aviators. MajGen James C. Smith and Capt Omer L. McCants. illus tabs USA Avn Dig 24:1+ Sep '78

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

On Army Aviation. Interview. Gen Donn A. Starry. illus USA Avn Dig 24:2-6 Nov '78

The only answer. (Technical manual) illus USA Avn Dig 24:8-11 Jan '78

Planning realistic field training (for Army Aviation personnel). illus USA Avn Dig 24:42-45 Feb '78

Unit training. illus USA Avn Dig 24:8-11 Nov '78

History

The adventures of a junior military aviator: Extracts from the diary of Leo G. Heffernan, edited by Maj R.K. McMaster, Ret. illus Aerosp Hist 25:92-102 Jun '78

Army air power in the Pacific Northwest, 1920-1940. William H. Freeman, Jr. illus Aerosp Hist 25: 167-175 Sep '78

Equipment

Army Aviation support systems philosophy--failure and success. Joseph P. Poynton. illus USA Avn Dig 24:24-29 Jan '78

ARMY AVIATION CENTERS AND SCHOOLS

Army Aviation in the Pacific. MajGen James C. Smith. map illus USA Avn Dig 24:1+ May '78

(Army Aviation Reserve training, Knox Army Helipport, Fort Rucker, Ala) Gerald D. Lyon and others. illus USA Avn Dig 24:16-19 Jan '78

CH-47 mobile training team lessons learned. CW2 William R. Steele. illus USA Avn Dig 24:20-22 Jun '78

First 175/40 IERW (Initial Entry Rotary Wing) graduates. Capt Thomas P. Brown, Jr. illus USA Avn Dig 24:24-25 May '78

'175-40.' LtCol Charles W. Abbey and Capt Raymond N. Krause. illus Armor 87:14-15 Mar-Apr '78

Simulated antitorque training proven effective. illus tab USA Avn Dig 24:30-32 Jun '78

ARMY COMMUNICATIONS COMMAND

Fort Huachuca (Ariz): The larynx of the 'Voice of the Army.' MajGen Gerd S. Grombacher. Army 28: 36-38 Apr '78

ARMY DEPOT SYSTEM COMMAND

A perspective of DESCOM (DEpot System COMmand). MajGen Robert L. Bergquist. illus tab Army Log 10:18-21 May-Jun '78

ARMY FIELD ARTILLERY SCHOOL

New AC (Field Artillery School Assistant Commandant). illus Fld Arty J 46:3 Sep-Oct '78

View from the blockhouse. (Notes from the School) Regular feature in issues of Field Artillery Journal

History

Fort Sill (Okla) fifty years ago. Col Numa P. Aven-dano, Ret. illus Fld Arty J 46:44-47 Mar-Apr '78

ARMY FORCES COMMAND see Forces CommandARMY GENERAL STAFFDirectories

(Army) command and staff (1978 directory). illus Army 28:105-116 Oct '78

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness CommandARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,

Army Depot System Command

Army Troop Support and Aviation Materiel Readiness Command

Test and Evaluation Command

DACs (Dept of the Army Civilians)--they fill the gap. Marian K. Singleton. illus Soldiers 33:16-19 Sep '78

DARCOM--the picture today. illus Army Log 10: 18-23 Jul-Aug '78

Gen (John R.) Guthrie explains Reserve role in DARCOM. (Address, ROA Army Section, 1978 National Convention, New York) Gen John R. Guthrie. illus Officer 54:10-11 Sep '78

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND - Continued

Logistics intelligence file (Army Materiel Development and Readiness Command's Logistic Control Activity, Presidio of San Francisco). Maj James M. Link. illus Army Log 10:16-19 Nov-Dec '78

Mastering a new 'self.' Gen John R. Guthrie. illus tabs Army 28:50-57 Oct '78

What DARCOM is doing about NATO interoperability. illus map Govt Exec 10:22-25 Mar '78

Organization

Organization of the U.S. Army Materiel Development and Readiness Command. Chart only. Army Log 10: inside back cover Jul-Aug '78

ARMY MILITARY PERSONNEL CENTER

The board of last resort. (Army Board for Correction of Military Records) MSgt Bruce N. Bant. tab Soldiers 33:19-21 Feb '78

Easing the MOS crunch. Maj Dean A. Phillips and SSgt John Savard. illus tabs Soldiers 33:20-23 May '78

Focus on assignments. Capt Warren S. Lacy. illus Soldiers 33:20-25 Apr '78

ARMY POSTS

United States

Army posts are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Fort Bliss, Tex

Land of bliss (Fort Bliss, Tex). Steve Abbott. illus Soldiers 33:38-42 Oct '78

Fort Bragg, NC

The Army's new 'mayors': At a few posts, wives can jolt the brass and bring some power to the people. Lothar H. Wedekind. illus AF Times, Times Magazine sup:12-17 Oct 23 '78

Four days in May. (Duty at Fort Bragg, NC) Sgt1C Matt Glasgow. illus Soldiers 33:18-22 Nov '78

Fort Carson, Colo

High in the Rockies (Fort Carson, Colo). Steve Abbott. illus Soldiers 33:34-38 Jul '78

Fort Drum, NY

Fort Drum: A changing role. SP5 Cindi Small. illus Soldiers 33:37-39 Jan '78

Fort Eustis, Va

Army's Navy. MSgt Matt Glasgow. illus Soldiers 33: 6-9 Dec '78

A first at Fort Eustis (VA). Translog 9: inside front cover Sep '78

Fort Gordon, Ga

Complex signal systems challenge the teachers. William D. Ketner. illus Army 28:38-39+ Apr '78

Fort Huachuca, Ariz

Fort Huachuca (Ariz): The larynx of the 'Voice of the Army.' MajGen Gerd S. Grombacher. Army 28: 36-38 Apr '78

ARMY POSTS - Continued

United States - Cont'd

Fort Polk, La

Fort Polk: Cinderella story in Louisiana. Col Ralph E. Ropp. illus Army 28:46-50 Apr '78

Fort Sill, Okla--History

Fort Sill fifty years ago. Col Numa P. Avendano, Ret. illus Fld Arty J 46:44-47 Mar-Apr '78

ARMY SIGNAL SCHOOL

Complex signal systems challenge the teachers. William D. Ketner. illus Army 28:38-39+ Apr '78

ARMY STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

ARMY TEST AND EVALUATION COMMAND see Test and Evaluation Command

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine Command

ARMY TROOP SUPPORT AND AVIATION MATERIEL READINESS COMMAND

Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness Command) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78

ARMY WAR COLLEGE

Creighton Abrams at the U.S. Army War College (1952-53). Benjamin Franklin Cooling. illus Mil Rev 58:73-78 Jun '78

ART

Air Force art. Pictorial. Airman 22:2-8 May '78

Blending with the earth. (An artist inspires a base landscaping plan where colors, gardens, and sculptures harmonize with the desert) Maj Joseph E. Malloy. illus Airman 22:27-29 Mar '78

The form of flight. (The history of powered flight is depicted in selections from the Air Force Art Collection) illus Airman 22:21-28 Dec '78

A gallery of aviation art. Keith Ferris. AF Mag 61: 85-92 Sep '78

German war art seen at Pentagon. illus AF Times 38:32 Jul 24 '78

ARTILLERY

See also

Guns
Mortars

Armed Forces--Russia

Artillery. LtCol N. Solovyov. illus Soviet Mil Rev No.4:29-31 Apr '78

Soviet self-propelled cannon artillery. LtCol Charles M. Bartlett. illus tabs Mil Rev 58:54-66 Jun '78

Army--France

French field artillery: An update--the new field artillery system at battalion level. LtCol Pierre Saint-Arroman. illus Fld Arty J 46:50-53 Sep-Oct '78

ARTILLERY - ContinuedArmy--Great Britain

Bates--Britain's second-generation computerized artillery control system. illus Intl Def Rev 11, No.2:256 '78

Army--Israel

(Israeli artillery) (Interview with BrigGen A.Bar-David) Fld Arty J 46:15-17 May-Jun '78

Army--Korea (Democratic People's Republic)

North Korean artillery. Capt J.D.Schnabel. illus map tabs chart Fld Arty J pt 1, Background and organization. 46:18-23 May-Jun '78; pt 2, Tactics. 46:22-26 Jul-Aug '78

Army--Russia

An analysis of Soviet artillery development. Oberst Kurt Hofmann, Ret. illus tab Intl Def Rev 10:1057-1061 Dec '77

Artillery weapons of the Soviet Union since World War II. Table only. Intl Def Rev 10:1059 Dec '77

Evolution of Soviet self-propelled artillery. Andrew W.Hull. illus tabs Fld Arty J 46:8-12+ Mar-Apr '78

Soviet SP artillery doctrine. Capt George R.Patrick. illus tab Fld Arty J 46:27-29 Jul-Aug '78

Soviet self-propelled artillery. Larry W.Williams. illus Armor 87:18-20 Sep-Oct '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N.Donnelly. illus Intl Def Rev 11, No.9:1405-1412 '78

History

The first rocket battery (1941-45). Col V.Ryabchikov. illus Soviet Mil Rev No.11:13-14 Nov '78

For the arsenal of victory. (Interview with V.G. Grabin) LtCol N.Yelshin. illus Soviet Mil Rev No.11:10-12 Nov '78

Army--Sweden

FH 77A and Bofors 155 mm system developments. R.B.Pengelly. illus tabs Intl Def Rev 11, No.2:190-192 '78

Army--U.S.

Arctic artillery. SSgt Rick Hayeland. illus Fld Arty J 46:72-75 May-Jun '78

The guns of III Corps (Artillery). SSgt John Savard. illus Soldiers 33:45-47 Mar '78

On heavy artillery: American experience in four wars. BrigGen S.L.A.Marshall, Ret. illus tabs Parameters 8:2-20 Jun '78

The U.S. Army's improved 203 mm SP howitzer. Truman R.Strobridge and Ronald H.Schriefer. tabs illus (Also cutaways) Intl Def Rev 11, No.3:389-392 '78

Marine Corps--U.S.

Combat support: Artillery. LtCol E.J.Dyer. MarCor Gaz 62:55-57 Jul '78

ARTILLERY, ANTI-AIRCRAFT

An AA Bn in an offensive battle. Col V.Subbotin. Soviet Mil Rev No.11:15-17 Nov '78

Air defence of units in the field. John Marriott. tabs Army Qtr 108:21-30 Jan '78

Antiaircraft ambushes. Col M.Kiryukhin. illus Soviet Mil Rev No.7:26-27 Jul '78

The Gepard AA tank--a technical solution to a tactical problem. G.Löwe. illus tab Intl Def Rev 10:1083-1086 Dec '77

Land based surface-to-air weapons. John Marriott. illus tabs NATO's Fifteen Nations 23:32-34+ Aug-Sep '78

Vulnerability of friendly aircraft to friendly ADA (Air Defense Artillery) fires. Capt Michael H.Cassatori. illus Air Def Mag, pp 14-16, Jul-Sep '78

The ZSU-23-4 is a 4-gunned killer. Col M.Kiryukhin. (Trans from a Russian publication) MarCor Gaz 62:20-21 Mar '78

ARTILLERY, ANTITANK

Air power at Kursk: A lesson for today? Capt Lonnie O.Ratley III. (Condensed from RUSI Journal for Defence Studies, June 1977) illus Mil Rev 58:54-62 Apr '78

Antitank defence. Col K.Sokolov. map Soviet Mil Rev No.5:18-21 May '78

ARTILLERY, FIELD

At sea with the field artillery (in Exercise Carbon Edge, 1977). CDR D.L.Davidson. illus Fld Arty J 46:55-57 Mar-Apr '78

Battery antitank defense. Maj C.T.Catchings. illus Fld Arty J 46:10-13 Jul-Aug '78

FH 77A and Bofors 155 mm system developments. R.B.Pengelly. illus tabs Intl Def Rev 11, No.2:190-192 '78

(Field artillery) Interview. MajGen Albert B.Akers. illus Fld Arty J 46:13-15 Mar-Apr '78

Field artillery of the 1980's. MajGen Jack N.Merritt. illus Natl Def 62:544-548 May-Jun '78

French field artillery: An update--the new field artillery system at battalion level. LtCol Pierre Saint-Arroman. illus Fld Arty J 46:50-53 Sep-Oct '78

King's men: Myth and reality. Col Albert G.Wolfgang. illus Infantry 68:25-28 Jan-Feb '78

The M198 (155-mm howitzer). Maj William Whelihan. illus Fld Arty J 46:9 Jan-Feb '78

Mass--not volume. LtCol Ernest B.Dublisky, Ret and Maj Richard D.Moyer. Fld Arty J 46:8-14 May-Jun '78

Materiel costs forecast. Table only. Fld Arty J 46:56 Sep-Oct '78

New AC (Assistant Commandant, Army Field Artillery School). Fld Arty J 46:14 May-Jun '78

A new generation of field artillery computing systems. LtCol J.J.Cooke, Ret. illus Intl Def Rev 11, No.3:393-395 '78

Retain the field artillery group. Capt David G.Decker. MarCor Gaz 62:16-17 Dec '78

ARTILLERY, FIELD - Continued

Saint Barbara. MajGen Herbert G. Sparrow, Ret. illus Fld Arty J 46:34-36 Nov-Dec '78

The U.S. Army's improved 203 mm SP howitzer. Truman R. Strobbridge and Ronald H. Schriefer. tabs illus (Also cutaways) Intl Def Rev 11, No. 3: 389-392 '78

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

History

Redlegs in blue and gray. Capt Karl W. Volk. illus map Fld Arty J 46:34-37+ Jan-Feb '78

USMA Detachment of Field Artillery. Col Numa P. Avendano, Ret. illus Fld Arty J 46:36-39 Jul-Aug '78

Organization

DRS (Division Restructuring Study)--its not-so-obvious impact. Capt Darrell Morgeson. illus tab Fld Arty J 46:21-24 Nov-Dec '78

Study and Teaching

Effective fire support--a balanced combined arms team. LtCol Carl S. Taylor. illus Fld Arty J 46: 29-31+ May-Jun '78

The FIST (Fire Support Team). 2dLt Luther J. Dunn III. illus Fld Arty J 46:56-57 Jan-Feb '78

The First Team and TACFIRE (Tactical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

The guns of III Corps (Artillery). SSgt John Savard. illus Soldiers 33:45-47 Mar '78

Hipshoot. 1stLt David Vogels. illus tabs Fld Arty J 46:57-59 Sep-Oct '78

Improving the adjustment of fire. Col Salvo Rizza, Ret. illus Fld Arty J 46:48-53 Jan-Feb '78

USAFATC (U.S. Army Field Artillery Training Center)--where it's happening. Capt Paul Green. illus Fld Arty J 46:20-23 Jan-Feb '78

USMA Detachment of Field Artillery. Col Numa P. Avendano, Ret. illus Fld Arty J 46:36-39 Jul-Aug '78

A war for science. LtCol J.W. Stokes and L.E. Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

ASIAStrategic Importance

A military view of Asia. ADM Maurice F. Weisner. illus Command 1:2-9 Jul '78

ASIA, EASTERN

The reshaping of Asia: Reflections on changing alignments. E. Stuart Kirby. RUSI J for Def Studies 122:25-31 Dec '77

ASIA, SOUTHEASTERN

Southeast Asia: War without end. Bonner Day. map tabs AF Mag 61:48-53 Oct '78

Foreign Policy

ASEAN (Association of SouthEast Asian Nations) and U.S. security interests. Justus M. van der Kroef. illus Strat Rev 6:51-61 Spring '78

ASPIN, Les

But they (two congressmen with a single specialty, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. por Army 28: 24-28 Jan '78

Kill store \$\$, Aspin advises. Interview. Les Aspin. AF Times 38:16 Jun 26 '78

Military \$\$ didn't stop Aspin. Andy Plattner. AF Times 39:16+ Nov 27 '78

Putting Soviet power in perspective. Les Aspin. AEI Def Rev 2, No. 3:2-14 '78

Rep Aspin (advises in study): Enlist more from low-score group. AF Times 38:6 Jul 17 '78

What are the Russians up to? Les Aspin. Intl Sec 3:30-54 Summer '78

ASSIGNMENTS, MILITARYSee also

Tours of Duty

Assignment regs recapped (in AFR 39-11). AF Times 38:50 Jul 10 '78

Assignments for senior NCOs (grades E-8 and E-7). TIG Brief 30:13 Jul 21 '78

Bowing in, out. (MajGen Frank J. Simokaitis retires as Commandant of AFIT and Defense Institute of Security Assistance Management and MajGen Gerald E. Cooke assumes command of the two organizations) illus AF Times 38:26 May 15 '78

(BrigGen William D. Curry, Jr assumes command of Defense General Supply Center, replacing BrigGen Rufus L. Billups) illus Def Trans J 34:80 Oct '78

Change of command. Regular feature in issues of Command

Chiefs group will include all E-9s. Bruce Callander. AF Times 38:3 Mar 27 '78

Expanded Chiefs Group. TIG Brief 30:25 Jul 7 '78

Focus on assignments. Capt Warren S. Lacy. illus Soldiers 33:20-25 Apr '78

45 percent label base choice important. AF Times 38:12 Feb 27 '78

4-star exits setting (AF) record. AF Times 38:8 Mar 20 '78

General officer changes. Regular feature in News Call section of some issues of Army

General officer reassignments. MarCor Gaz 62:2+ Apr '78

General officer reassignments, retirements, corrections. illus MarCor Gaz 62:4+ May '78

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

LtGen Robert H. Barrow to succeed Gen Samuel Jaskilka as Asst CMC. illus MarCor Gaz 62:2 Apr '78

(Major) General (Emmett W.) Bowers assumes command of DPSC. illus Review 58:10+ Sep-Oct '78

New AC (Field Artillery School Assistant Commandant). illus Fld Arty J 46:3 Sep-Oct '78

Retirement, reassignments (of Marine general officers). MarCor Gaz 62:4 Mar '78

ASSIGNMENTS, MILITARY - Continued

Scorecard: The new Army team. illus Natl Guardsman 32:24-25 Aug '78

Senior Army officers in special assignments. Army 28:113 Oct '78

Senior NCO Academy selectees get voice in class selection. AF Times 39:2 Sep 18 '78

Senior staff changes. Regular feature in issues of Air Force Magazine

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

320 positions need officers. AF Times 38:7 Jun 5 '78

Travel costs to play role in assignments. Bruce Calander. AF Times 38:2 Feb 13 '78

ASSOCIATION OF SOUTHEAST ASIAN NATIONS

ASEAN and U.S. security interests. Justus M. van der Kroef. illus Strat Rev 6:51-61 Spring '78

ASEAN, 1985-2000: A U.S. role to influence its shape. Thomas L. Wilborn. illus Parameters 8: 17-29 Sep '78

ASSOCIATION OF THE U.S. ARMY

Future programs dominate U.S. Army Show (Washington, Oct 17-19, 1977). illus Intl Def Rev 11, No.1:86-92 '78

Speeches, panels and awards highlight (AUSA) Annual Meeting (Washington, Oct 16-18, 1978). illus Army 28:42-50+ Nov '78

ASTRONAUTICS see Space FlightASTRONAUTS

Ex-astronauts: What are they doing now? AF Times 38:24 Apr 17 '78

From near and distant meridians. (Yuri Gagarin and his visits to many countries) Nikolai Denisov. illus Soviet Mil Rev pt 1, No.6:55-58 Jun '78; pt 2, No.7:57-59 Jul '78; pt 3, No.8:58-61 Aug '78

The longest manned flight. illus Soviet Mil Rev No.5: 26-27 May '78

Education and Training

10 in AF start (space) shuttle training. AF Times 38:12 Jul 24 '78

History

Beyond the wild blue yonder. SMSgt Hal Bamford. (Reprinted from Airman, Oct 1960) illus Airman 22:34-38 Dec '78

ATLANTIC COMMAND

One more river to cross. (Solid Shield 78) JO1 Kathy Cote. illus MarCor Gaz 62:3 Aug '78

ATLANTIC COMMAND, ALLIED see Allied Command AtlanticATLANTIC COMMUNITY

New imperatives for the old Alliance. Robert Ellsworth. Intl Sec 2:132-148 Spring '78

ATLANTIC FLEET see Fleet, 2dATLANTIC REGIONStrategic Importance

The defense of the Atlantic. ADM Isaac C. Kidd. illus NATO's Fifteen Nations 23:28-30+ Oct-Nov '78

Soviet naval policy and Atlantic strategy. Comdr Ulrich Weissner. tab RUSI J for Def Studies 122: 60-65 Dec '77

ATMOSPHERE

Heavyweight bout with density altitude. illus USA Avn Dig 24:42-43 Apr '78; Adaptation. Aerosp Safety 34:20-21 Aug '78

ATMOSPHERE, UPPER

Brazil uses U.S. system in study of ionosphere. AF Times 38:28 Feb 20 '78

The chemistry of communications. (Remarks, a symposium on the effect of the ionosphere on space systems and communications, Washington, Jan 25, 1978) F. Robert Naka. AF Plcy Ltr for Comdrs: Sup No.3:19-23 Mar '78

Kirtland (AFB, NM) crew grabs 'ideas' at 15,000 feet. John Clendenin. AF Times 39:27 Sep 11 '78

(USAF Avionics Laboratory and the Australian Advanced Engineering Laboratory) study ionosphere. AF Times 39:34 Nov 6 '78

ATMOSPHERIC RESEARCH see Atmosphere, UpperATOMIC ENERGY COMMISSION see Energy Research and Development AdministrationATTACK AND DEFENSE (MILITARY SCIENCE)

An analytical approach to terrain analysis and allocation of combat power. Maj Lon E. Maggart. illus Mil Rev 58:34-45 Apr '78

The art of gaining victory. Gen A. Radziyevsky. illus Soviet Mil Rev No.1:23-26 Jan '78

Assault company. Maj Barry R. McCaffrey. illus Infantry 68:15-17 Mar-Apr '78

The Benelux and northern German plains avenue of approach. LtCol Clayton A. Pratt. illus maps Mil Rev 58:2-8 Jun '78

C3--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No.6:860-864 '78

A concept for countering smoke. Maj Arley H. McCormick. illus Mil Rev 58:2-9 Dec '78

Defense against airmobility (a doctrinal void). Maj Kerry L. Hines. illus Air Def Mag, pp 26-29, Apr-Jun '78

Division air defense 1985. Col William O. Staudenmaier. illus Air Def Mag, pp 7-10, Oct-Dec '78

How a Marine rifle company should conduct a mechanized attack. Capt W.R. Stephens. illus MarCor Gaz 62:22-29 Oct '78

The need for offensive ground combat operations. Maj John P. Rose. illus Air Def Mag, pp 18-20, Apr-Jun '78

The offense. Maj Robert F. Helms II. illus Mil Rev 58:56-66 Feb '78

ATTACK AND DEFENSE (MILITARY SCIENCE) - Continued

A revisionist's view. Capt Adolf Carlson. illus Infantry 68:37-39 May-Jun '78

Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D.M.O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

Tactical offensive air power and the 1(BR) Corps battlefield. Maj G.G. Messervy-Whiting. RUSI J for Def Studies 123:23-26 Sep '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. illus Intl Def Rev 11, No. 9:1405-1412 '78

To win the first battle. Maj Floyd V. Churchill. illus Mil Rev 58:60-69 Nov '78

A Warsaw Pact front commander's concept. LtCol George F. Steger. illus Mil Rev 58:2-4 Apr '78

We could fight outnumbered--offensively--and win! Maj Calvin C. Seybold. illus Mil Rev 58:35-40 Jun '78

Study and Teaching

Plugging holes and mending fences. Capts Gregory Fontenot and Matthew D. Roberts. illus Infantry 68:32-36 May-Jun '78

ATTITUDES

Attitudinal dimensions of military professionalism: Perceptions among naval personnel. James L. Regens. tabs J Pol & Mil Sociol 5:239-257 Fall '77

The civil-military interface in a metropolitan community. David R. Segal and others. tabs Armed Forces & Soc 4:423-448 Spring '78

A junior officer's view. 1stLt Thomas M. Hall. illus AU Rev 29:70-76 Jan-Feb '78

Living overseas: Gearing up mentally. (Interview with Dr Sidney Werkman) Donna M. Peterson. illus AF Times 38:33 Jan 16 '78

The military implications of public opinion. Maj Brian Mullady. illus tabs AU Rev 29:51-59 May-Jun '78

Services losing friends, but not as fast as before. Paul Smith. AF Times 38:28 Apr 24 '78

AUDIO-VISUAL AIDS

(AF) AAVS wins top gold screen awards. AF Times 38:33 Jan 23 '78

ARNG multi-media program. Capt Kenneth O. Boley. illus USA Avn Dig 24:17-19 Oct '78

AUDIO-VISUAL INSTRUCTION

Aircrew training and audiovisual systems. TIG Brief 30:8 Jul 21 '78

Selecting media for instructional development. Maj Delbert W. Shaw III. illus tabs Air Def Mag, pp 30-33, Jan-Mar '78

TEC (Training Extension Course)--the indispensable aid. Maj Ronald P. West. illus Fld Arty J 46:56-61 May-Jun '78

AUDITING

See also
Air Force Audit Agency

AUDITING - Continued

The Air Force Audit Agency: 30 years in service to management. Capt Bryan J. Cory. tab illus AF Compt 12: back cover Jul '78

Auditor General. BrigGen Joseph B. Dodds. illus chart AF Compt 12:36-37 Oct '78

The military auditors--we need them. Richard M. Kuper. illus Armed Forces Compt 23:26-28 Nov '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:34-35 Jan '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:30-31 Apr '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 12:40-41 Jul '78

Surveillance of defense programs: The industry role. Irving J. Sandler. Def Sys Mgt Rev 1:23-27 Autumn '78

AUTOMATIC DIGITAL NETWORK

AUTODIN via high frequency radio. Maj William A. Barry and G.A. Clapp. illus Signal 32:55-59 Jan '78

(New digital, secure facsimile using AUTODIN) Signal 33:72 Sep '78

AUTOMATIC LANDING SYSTEMS

See also
Microwave Landing Systems

AUTOMATION

See also
Electronic Data Processing Systems

Defining military command and control automation requirements. S. John Gorton. illus Intl Def Rev 11, No. 1:48-50 '78

Development of a standard automated budget system for the operations accounts of the Marine Corps. LtCol Walter H. Skierkowski. illus tabs Armed Forces Compt 23:10-12 Nov '78

Engine automation--British companies continue to advance. Dan Boyle. illus Interavia 33:195-198 Mar '78

New directions, trends, requirements and technology in C4. illus Signal 32:30-34+ May-Jun '78

AUTOMOBILES

MVMA (Motor Vehicle Manufacturers Association): Far more than lobbying. V.J. Adduci. illus Govt Exec 10:42+ Nov '78

Plan ahead for POV shipment. Translog 9:16-17 Aug '78

The rent-a-car runaround: Young military customers have to try harder. Bonnie Bilyeu Gordon. illus AF Times, Times Magazine sup:20-22 Oct 23 '78

Reserved parking for vehicles of handicapped personnel. TIG Brief 30:20 Jul 21 '78

Staff car of the future? (Large Research Safety Vehicle (LRSV)) illus Translog 9:14-15 Jun '78

Drivers and Driving
See Motor Vehicles--Drivers and Driving

AUTOMOBILES - ContinuedMaintenance and Repair

The big headaches (automotive issues): One by one.
Semon E. Knudsen. illus Govt Exec 10:23-24+
Jul '78

Highway robbery: How to avoid car repair ripoffs.
MSGt Matt Glasgow. illus Soldiers 33:22-24
Dec '78

AUXILIARY SHIPSSee also

Icebreakers

United States

Famous ships for the future fleet: Coast Guard
WMECs take shape at Tacoma Boatbuilding. John
Rhea. illus Sea Power 21:27-29 Nov '78

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also

Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

The world of aerospace. Regular feature in issues of Interavia

ExhibitionsSee also

Aerobatics

Africa

Aviation Africa '77. (Report on the Lanseria Show, Johannesburg, Oct 6-10, 1977) A.G. Heape. illus Air Pict 39:474-475 Dec '77

Germany (Federal Republic)

Hanover (Air Show) '78: The expected stars. illus Aerosp Intl 14:8-10+ Apr-May '78

Hanover Air Show renamed (International Aviation Exhibition) but not reborn. illus Interavia 33:490-498 Jun '78

Hanover '78--after the Show. illus Aerosp Intl 14:22-24+ Jun-Jul '78

Hanover '78: Success and transformation. NATO's Fifteen Nations 23:82 Jun-Jul '78

ILA (International Aerospace Exhibition) '78 (Hanover, Germany, April 19-27, 1978). illus Aerosp Intl 14:4+ Apr-May '78

ILA (International Aerospace Exhibition) '78: Military perspectives at Hanover. illus Intl Def Rev 11, No.5:701-704+ '78

12th International Helicopter Forum (Bückeburg, Germany, May 8-10, 1978): Emphasis on safety and survivability. Rudi Meller. illus tabs Intl Def Rev 11, No.5:669-672 '78

AVIATION - ContinuedExhibitions - Cont'dGreat Britain

Behind the scenes at Farnborough. illus Intl Def Rev 11, No.9:1435-1439 '78

Farnborough Air Show (Sep 3-10, 1978). Yves Robins. illus tab Aerosp Intl 14:36-38+ Aug-Sep '78

Farnborough (International Air Show, Sep 3-10) 1978. illus Armed Forces J Intl 116:14-15 Sep '78

Farnborough International 78 highlights. illus Interavia 33:902-910 Oct '78

Farnborough (International 1978) mostly British and avionics--U.S. conspicuous by its absence. James Fawcette. illus Elect Warfare/Def Elect 10:65-67 Nov '78

Farnborough '78: What's new in the air? illus Aerosp Intl 14:12+ Oct-Nov '78

Highlights of Farnborough. illus NATO's Fifteen Nations 23:84-86+ Oct-Nov '78

Military aspects of Farnborough International '78. illus Intl Def Rev pt 1, 11, No.8:1209-1212 '78

Sea Harrier ski jump interests U.S. Marines. illus Armed Forces J Intl 116:18 Nov '78

United States

For the fun of flying. (Members of the Flying Circus give air shows with their vintage planes) James A. George. illus Airman 22:21-29 Oct '78

The Reading Show '78 (June 6-9). illus Interavia 33:747-749 Aug '78

History

Reflections on seventy-five years of powered flight. Edwards Park. illus AF Mag 61:66-68+ Sep '78

75 years of powered flight. Dan Hall. illus Translog 9:2-5 Nov-Dec '78

The story behind the shutters. (AF's Still Photo Depository records aviation history) LtCol William H. Quelch, Jr. illus Airman 22:19-23 Apr '78

International Aspects

Good neighbor! Jim MacMaster. illus map Air Reservist 29:15 Mar '78

Physiological Aspects

See also specific conditions, e.g.,

Decompression Hypoxia
Hyperventilation Motion Sickness

B-52 physiological incidents. LtCol Carroll R. Cooley. illus Combat Crew 28:16-17 Feb '78

Backache in helicopter pilots. Maj Ron Goede. (Reprinted from Flight Comment, No.4, 1977) illus Aerosp Safety 34:14-16 May '78

Bleeding duodenal ulcer and the flier. Russell B. Rayman. tabs Aviation, Space & Envmt Med 49:1231-1234 Oct '78

CFIT (Controlled Flight Into Terrain)--a human factors problem. Maj John E. Richardson. illus Aerosp Safety 34:2-5 Feb '78

AVIATION - ContinuedPhysiological Aspects - Cont'd

- CO (carbon monoxide): The silent summons. LtCol Harold Andersen. TAC Attack 18:8-10 Jan '78
- Comparison of the vigilance performance of men and women using a simulated radar task. Richard I. Thackray and others. illus tabs Aviation, Space & Envmt Med 49:1215-1218 Oct '78
- Coriolis cross-coupling effects: Disorienting and nauseogenic or not? Fred E. Guedry, Jr and Alan J. Benson. illus tab Aviation, Space & Envmt Med 49:29-35 Jan '78
- Evaluation method of mental workload under flight conditions. Chiharu Sekiguchi and others. illus tabs Aviation, Space & Envmt Med 49:920-925 Jul '78
- Flicker-induced seizures; Alias flicker vertigo. LCDR Jane McWilliams. illus Aerosp Safety 34: 16-17 Dec '78
- Loss of consciousness during air combat maneuvering. Maj James E. Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78
- Medical evaluation of G-sensitive aircrewmen. J.E. Whinnery and M.R. Gondek. illus tab Aviation, Space & Envmt Med 49:1009-1013 Aug '78
- (Papers) Symposium on Biodynamic Models and Their Applications (sponsored by Aerospace Medical Research Laboratory, Wright-Patterson AFB, Ohio, and National Academy of Sciences-National Research Council, Dayton, Ohio, Feb 15-17, 1977) illus tabs Aviation, Space & Envmt Med 49:109-348 Jan '78
- Phyz-biz. Regular feature in some issues of TAC Attack
- Pills, potions, and pilots--a delicate balance. Col David J. Geigerman. (Adapted from Rotor & Wing, Sep 1977) illus tabs USA Avn Dig 24:20-23 Jan '78
- Relationships between ambient cockpit, and pilot temperatures during routine air operations. M.H. Harrison and others. tabs Aviation, Space & Envmt Med 49:5-13 Jan '78
- See and avoid concept: Is it effective? Capt Alvin C. Hoekstra. illus tabs Combat Crew 28:22-24 Aug '78
- They're only human. (AF personnel and civilian volunteers are used to test human response to various types of aerospace stress) Capt Dick Sheffield. illus Airman 22:44-48 Nov '78
- Visual counteraction of nauseogenic and disorienting effects of some whole-body motions: A proposed mechanism. Fred E. Guedry, Jr. illus tabs Aviation, Space & Envmt Med 49:36-41 Jan '78
- Workload and fatigue--in-flight EEG changes. J.S. Howitt and others. illus tabs Aviation, Space & Envmt Med 49:1197-1202 Oct '78

Psychological Aspects

- Case report of an obsessive-compulsive personality: A precursor to accident proneness. Guy R. Banta and David P. Kosnosky. Aviation, Space & Envmt Med 49:827-828 Jun '78
- Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

AVIATION - ContinuedPsychological Aspects - Cont'd

- Distraction--fatal, insidious human. Maj Tomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78
- High accident risk pilots. (Adapted from Approach, March 1977) illus Interceptor 20:5-7 Apr '78
- It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78
- Psychogenic G-force intolerance revisited. Theodore J. Wachs and Carlos J.G. Perry. Aviation, Space & Envmt Med 49:76-77 Jan '78
- The psychologist and flying accidents. R.G. Green. Aviation, Space & Envmt Med 48:922-923 Oct '77
- Stress. Anchar F. Zeller. illus Aerosp Safety 34: 20-22 Dec '78

Toxicological Aspects

- CO (carbon monoxide): The silent summons. LtCol Harold Andersen. TAC Attack 18:8-10 Jan '78

FranceHistory

- Sources for aviation history in Paris. (French Air Museum and Le Bourget Airport) Lee Kennett. illus Aerosp Hist 25:50-52 Mar '78

Germany (Federal Republic)

- General aviation in West Germany: A unique situation in Europe. Marc Grangier. map illus Interavia 33: 331-333 Apr '78

Netherlands

- Philips Aviation Department: A company airline. Marc Grangier. illus Interavia 33:972-973 Oct '78

SudanHistory

- Aviation in the Sudan--before independence. John Hunt. illus Air Pict 39:482-485 Dec '77

United StatesHistory

- The form of flight. (The history of powered flight is depicted in selections from the Air Force Art Collection) illus Airman 22:21-28 Dec '78
- 'I saw it fly.' Roland W. Comley and Margaret Chaplin Comley. illus Army 28:20-23 Dec '78
- Roots: Where airlift began. Capt James P. Coe. illus MAC Flyer 25:4-6 Jun '78

Laws and Regulations

- Why not zero based regulating? Mary F. Silitch. Govt Exec 10:11-12 Jan '78

AVIATION, COMMERCIAL

- Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also

Air Cargo
Airlines
Airports

AVIATION, COMMERCIAL - Continued

Aviation's next decade. illus Translog 9:6-7 Nov-Dec '78

Commercial aircraft construction. illus tabs Aerosp Intl 14:50-52+ Aug-Sep '78

Economic Aspects

Air cargo market: An opportunity for improved airline profitability. illus tabs Interavia 33:923-924 Oct '78

Air transport prepares for the low fare era. illus tabs Interavia 33:919-922 Oct '78

Airport charges: A decreasing element in airline operating costs. D. Riemens. illus Interavia 33:52-53 Jan '78

The aviation lease market in continual development. Robert S. Sowter. illus Interavia 33:1194-1196 Dec '78

Company reports review. Regular feature in some issues of Interavia beginning with August 1978

Financing airline re-equipment to 1987: Where is the money to come from? illus Interavia 33:42-43 Jan '78

International AspectsSee also

Airplane Hijacking

Air transport prepares for the low fare era. illus tabs Interavia 33:919-922 Oct '78

United States

Air fare discount extended. AF Times 38:22 Apr 3 '78

AVIATION CADET PROGRAMAir Force--Russia

Cadets' flight training. Capt N. Litvinchuk. illus Soviet Mil Rev No. 2:22-24 Feb '78

AVIATION CLUBS see Aero ClubsAVIATION MEDICINESee also

Space Medicine

Phys-biz. Regular feature in some issues of TAC Attack

ResearchSee also

Aviation--Physiological Aspects

Hear today, gone tomorrow ... how long? (Tests at Aerospace Medical Research Laboratory) illus AF Times 39:34 Sep 25 '78

AVIATION RECORDS

Here are entered articles on record flying time for a given distance. For articles on time spent in flying by an individual pilot to maintain his proficiency rating see Flying Time. For articles on logs and reports of a flight see Flight Records.

From the starting gate. (Records held by the SR-71) James A. George. illus Airman 22:24-25 Sep '78

Operation "Fire Wall." Paul D. Stevens. illus Am Avn Hist Soc J 23:72-76 Spring '78

AVIONICS

Airborne retrofit effort in full swing. illus Elect Warfare/Def Elect 10:37+ May '78

Amplifier bricks power mil avionics systems. illus Elect Warfare/Def Elect 10:71-73 Nov '78

Avionics design requires standardization. illus Elect Warfare/Def Elect 10:54-59 Feb '78

Avionics for the 1980s. illus Mil Elect/Countermeasures 4:20-21+ Jun '78

The changing world of defense electronics. Bernard Conrad Cole. illus tabs Elect Warfare/Def Elect pt 1, The military and the semiconductor industry: A maturing relationship. 10:37-38+ Jun '78; pt 2, The impact of LSI microprocessors on the military. 10:73+ Jul '78; pt 3, Industry and the military: Ironing out the wrinkles. 10:75-76+ Aug '78

DAIS (Digital Avionics Information System). illus Mil Elect/Countermeasures 4:62-63 Jul '78

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

Farnborough (International 1978) mostly British and avionics--U.S. conspicuous by its absence. James Fawcette. illus Elect Warfare/Def Elect 10:65-67 Nov '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

Is reliability the key to reduce support costs? William S. Jones. tabs illus Def Mgt J 14:30-35 May '78

Keeping the Boeing B-52 operational until the end of the century. illus (Also cutaway) tabs Interavia 33:1181-1184 Dec '78

Making the McDonnell Douglas F-15 even better. John M. Dennison. illus Interavia 33:1178-1180 Dec '78

Planning begins for V/STOL avionics. James Fawcette. illus tabs Elect Warfare/Def Elect 10:48-52 Feb '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

AVIONICS LABORATORY see Air Force Avionics Laboratory

AWARDS, DECORATIONS, ETC

The Air Defense Weapons Center (Tyndall AFB, Fla) receives the System of Cooperation among Air Forces of the Americas (SICOFAA, Sistema de Cooperacion entre las Fuerzas Aereas Americanas) Flight Safety Award. illus Interceptor 20:12-13 Jul '78

U.S., foreign awards: Order of precedence. tab AF Times 39:23 Sep 25 '78

Great Britain

The (Flying) Tigers who roared. (TAC unit wins the RAF Strike Command's 1977 Tactical Bombing and Navigation Competition) MSGt Dennis Sweatt. illus Airman 22:2-7 Apr '78

I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78

Russia

(Order of Victory and the Order of Glory) illus Soviet Mil Rev No. 11:30 Nov '78

AWARDS, DECORATIONS, ETC - ContinuedRussia - Cont'd

Symbols of military valour and courage. illus Soviet Mil Rev No.10:14 Oct '78

United StatesSee also

Medal of Honor

(AF) AAVS wins top gold screen awards. AF Times 38:33 Jan 23 '78

(AF) Reserve receives Foullois Award for flight safety. illus Officer 54:11 Aug '78

AFOUA (Air Force Outstanding Unit Award, recently won by six Air National Guard units). TSgt Steven A. Landry. illus Air Reservist 30:23 Sep '78

AFRES wins Foullois Trophy (for operating the best flight safety program in the Air Force during 1977). LtCol Ted Oglesby. illus Aerosp Safety 34:22-24 Sep '78

ASMC (American Society of Military Comptrollers) annual awards program. illus Armed Forces Compt 23:9-11 Aug '78

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 61:132-145 May '78

Air Force Reserve wins Daedalian Trophy. MajGen William Lyon. TIG Brief 30:2 Aug 4 '78

Air Force Suggestion Program: New awards. TIG Brief 30:13 Mar 3 '78

Armor Leadership Award. illus Armor 87:25 Jan-Feb '78

Awards & citations. Regular feature in issues of Air Force Times

Awards at the 1978 Air Force Association National Convention. illus AF Mag 61:58-59 Nov '78

"The best (Transportation Units) in the Air Force." Translog 9:8 Oct '78

Beyond the call of duty ... recognizing the exceptional soldier. Sgt1C Matt Glasgow. illus Soldiers 33:16-19 Aug '78

CMC (Commandant of the Marine Corps) receives Hall of Fame Gold Medal. illus MarCor Gaz 62:2 Feb '78

An example of excellence. (Capt Timothy A. Kinnan receives first Risner Trophy) TSgt Herman J. Kokojan. illus Airman 22:34-35 Jun '78

Fairchild Trophy: 4th for Plattsburg (AFB, NY). AF Times 39:49 Nov 13 '78

'First rate and well deserved.' (1977 Benjamin D. Foullois Memorial Award for the Air Force Reserve) illus Air Reservist 30:6-7 Apr '78

Freedoms Foundation winners. AF Times 38:16 Mar 27 '78

Give credit where and when due. MajGen A.S. Newman. Army 28:50-51 Aug '78

Keesler (AFB, Miss), Malmstrom (AFB, Mont): Hennessy Trophy winners. illus AF Times 38:43 May 8 '78

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

(LtGen James) Doolittle to keynote AFA convention. AF Times 39:12 Sep 18 '78

(MTMC Awards) "For Excellence in Traffic Management" (made during NDTA's 33d Forum and Exposition, 1978). illus Translog 9:4-5 Oct '78

Major General Lucius Theus wins 1977 Distinguished Federal Service Award. illus AF Compt 12:45 Jan '78

Maj Sue Turner wins flight nurses E.A. Hoefly Award. illus Aviation, Space & Envmt Med 49:846 Jun '78

Masters of Air Defense: Best of the best. illus Interceptor 20:26-27 Jan '78

A Mayday in October. (The loss of two engines on a C-141 results in an emergency and subsequent awarding of the Air Medal for the crew) MSgt David B. Drachlis. illus Airman 22:2-8 Sep '78

Minot (AFB, ND) wing (91st Strategic Missile Wing) takes Blanchard Trophy. AF Times 38:38 May 22 '78

Minute Man of the Year, Cong Charles E. Bennett, and what he had to say (at ROA Mid-Winter Conference, Feb 22-24, 1978). illus Officer 54:22-23 Apr '78

NGAUS ... a century of progress. (Report on 100th General Conference, St Louis, Oct 2-4, 1978) Marilyn H. Hargreaves. illus Air Reservist 31:6-7 Nov '78

Niagara Falls unit (914th Tactical Airlift Gp) receives coveted Loening Trophy (and an Air Force Outstanding Unit Award). illus Officer 54:10 Jul '78

The 1977 Air Force Design Awards. illus AF Engrg & Svcs Qtr 19:17 Feb '78

1978 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 49:932-936 Jul '78

1978 NORAD Weapons Load(ing) Competition. Maj Lionel P. Johnson. illus Interceptor 20:8-15 Jun '78

Outstanding comptrollers: Maj General Scurlock wins AFA's Distinguished Award for Management. illus AF Compt 12: back cover Oct '78

Outstanding MA's (Mobilization Augmentees)--tops in their field and they can prove it. illus Air Reservist 30:6-8 Jul '78

Rex rides again. TIG Brief 30:6 Nov 3 '78

Saluting 75 years of powered flight: AFA Convention (Washington, Sep 17-20, 1978). TSgt Steven A. Landry. illus Air Reservist 31:10-11 Nov '78

Security police name 10 individual winners. illus AF Times 38:32 May 22 '78

'Superb airmanship.' (Maj Gale French, AFR, receives the Distinguished Flying Cross and the Koligian Trophy for 1977) illus Air Reservist 30:6 Sep '78

Their winning ways. (Winners of the 15th Annual Military Pictures of the Year Contest) illus Airman 22:32-38 Sep '78

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

Top flight nurse (BrigGen Claire M. Garrecht), surgeon (Maj Roger F. Landry) honored. illus AF Times 38:70 May 22 '78

Top Guns ... hard to be humble, eh. illus Interceptor 20:30-31 Nov '78

Top MACOM MAs (Outstanding Mobilization Augmentees from Air Force). illus Officer 54:11 Jul '78

Top military transportation units. illus Translog 9: 6-7 Oct '78

Top (12) enlisteds of the year. illus AF Times 38:7 May 8 '78

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

A tribute to service. (Benjamin L. Cockrell receives the DOD Distinguished Civilian Service Award) illus Airman 22:34 Oct '78

Twelve examples to follow. (Outstanding Airmen for 1978) Bonner Day. illus tab AF Mag 61:60-62 Nov '78

We're number one! (Olympic Arena '78--trophy winners and competition highlights) illus Combat Crew 28:2-3+ Jun '78

Who are the heroes? LCDR Michael W. Shelton. illus tabs US Nav Inst Proc 104:41-49 Aug '78

BMEWS see Ballistic Missile Early Warning System

BACHELORS, MILITARY

COLA raise for o'sea singles? Tom Philpott. AF Times 39:3 Sep 18 '78

More may get to live off base. AF Times 39:8 Jul 31 '78

Singles refusing quarters still draw some allowance. AF Times 38:21 Feb 13 '78

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGGAGE

Transporting gear by mail a flop. Len Famiglietti. AF Times 39:3 Sep 11 '78

BAGLEY, Worth H.

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. Intl Def Rev 11, No.4:509-514 '78

BAHAMAS

One man is an island. (Only one military person is assigned to Grand Bahama Island Auxiliary Airfield) Capt Dick Sheffield. illus Airman 22:16-19 Jan '78

BAILOUTS see Parachute Jumping

BAKER, Benjamin R.

Improving CHAMPUS. Interview. MajGen Benjamin R. Baker. por AF Times 38:12+ Apr 17 '78

BALANCE OF PAYMENTS

See also

United States--Economic Policy

Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78

How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78

Impact seen as minimal if Jr EM travel OK'd. AF Times 38:22 Apr 24 '78

Why won't government face the crisis (in U.S. international trade)? C.W. Borklund. illus tab Govt Exec 10:10+ Sep '78

BALANCE OF POWER

The accelerating momentum of Soviet military might. Edgar Ulsamer. illus tabs AF Mag 61:34-41 Mar '78

Achilles heel of the deterrence triad. Maj Elbert C. Black III. illus tabs Mil Rev 58:46-53 Apr '78

Airpower--NATO's foremost deterrent. Edgar Ulsamer. illus AF Mag 61:24-30 Apr '78

American perceptions of Soviet military power. Phillip A. Petersen. illus Parameters 7, No.4: 71-82 '77

America's secret weapon (industrial order of battle). Norman R. Augustine. illus Natl Def 62:558-560+ May-Jun '78

Arms control and strategic stability. Peter Hughes. illus tabs AF Mag 61:56-64 Apr '78

BALANCE OF POWER - Continued

Balance of power. Harold Brown. illus Command 1: entire issue Sep '78

The campaign of '78. Editorial. John L. Frisbee. AF Mag 61:6 Dec '78

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The Chinese Armed Forces and the Soviet Union. Brig Kenneth Hunt. illus NATO's Fifteen Nations 23:72-75+ Jun-Jul '78

Command credibility problems. Lewis Sorley. Armed Forces J Intl 116:18-20 Dec '78

Concern about SALT: Détente at the expense of security? Wolfram von Raven. illus NATO's Fifteen Nations 23:65+ Jun-Jul '78

The cruise missile and the strategic balance. Robert Kennedy. illus Parameters 8:49-61 Mar '78

Cruise missiles, NATO and the "European option." Hans Rühle. illus Strat Rev 6:46-52 Fall '78

Debating the real issues about the future of the U.S. Navy. Bridget Gail. tabs Armed Forces J Intl 115: 25-28+ May '78

Defense spending: Is the budget big enough? C.W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

The eagle in Europe. John Fullerton. Def & For Aff Dig 6, No.2:18-19 '78

The East-West balance at sea. London's International Institute for Strategic Studies. tab AF Mag 61:117-121 Dec '78

Eastern Europe in the strategic balance. James A. Kuhlman. illus Parameters 8:72-84 Mar '78

End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78

The equal sign in the SALT II equation. Edgar Ulsamer. AF Mag 61:27-31 Jan '78

European security: The prospect of change. Lawrence Freedman. RUSI J for Def Studies 123:20-26 Mar '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

Farewell 'Posture Statement.' Gen George S. Brown. illus AF Mag 61:43-47 Oct '78

The foreword to Jane's (Fighting Ships 1978-79). Capt John Moore, Ret. Sea Power 21:23-31 Aug '78

The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No.2:4-6+ '78

Freedom of the seas ... bottom line for survival. Capt Morris L. Hayes. illus Natl Def 63:34-35+ Jul-Aug '78

The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No.1:2-12 '78

General Purpose Forces: A balance appraisal. illus tabs Comdrs Dig 21: entire issue Mar 23 '78

Girding for the long haul. Gen Lew Allen, Jr. illus AF Mag 61:52-54+ Nov '78

BALANCE OF POWER - Continued

- In focus (formerly Focus on ...) Regular feature in issues of Air Force Magazine beginning with February 1978 issue
- Interview. (Gen) Alexander M. Haig, Jr. illus Def & For Aff Dig 6, No. 1:4-7 '78
- Is weapon development still possible? Maj Edgar O'Ballance, Ret. illus Mil Rev 58:2-12 Nov '78
- The Korean balance vs the U.S. withdrawal. Bridget Gall. maps tabs Armed Forces J Intl 115:37-42 Apr '78
- MBFR (Mutual and Balanced Force Reductions): Little progress but disquieting trends. Jeffrey Record. illus tab Strat Rev 6:11-17 Summer '78
- Making military judgments. (Address, Business Council, Hot Springs, Va, Oct 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 12:8-14 Dec '77
- Mass armies in the 1970s: The debate in Western Europe. Catherine McArdle Kelleher. tabs Armed Forces & Soc 5:3-30 Fall '78
- The military balance in Europe. Frederick W. Young. (Taken from The Soviet Military Buildup and U.S. Defense Spending, by Brookings Institution, 1977) illus tabs Mil Rev 58:38-45 Mar '78; Royal Air Forces Qtr 18:239-245 Autumn '78
- The Military Balance: 1977/78. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 13: entire issue Dec '77-Jan '78
- The Military Balance: 1978/79. London's International Institute for Strategic Studies. illus tabs AF Mag 61:61-127 Dec '78
- Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:29-31 Apr '78
- (NATO and the Soviet threat) (Banquet address, AFCEA Convention, Washington, June 20-22, 1978) Gen Alexander M. Haig, Jr. illus Signal 32:33-37 Aug '78
- NATO and the Warsaw Pact--an assessment. Col Phil Stevens, Ret. tabs Mil Rev 58:34-42 Sep '78
- NATO: Assessing the assessors. David Harvey. Def & For Aff Dig 6, No. 1:15-16+ '78
- NATO at the crossroads. Jon L. Boyes. Signal 32: 49-53 Jan '78
- NATO posture. (Statement before Senate Armed Services Committee, March 1, 1978) Gen W. L. Creech. AF Plcy Ltr for Comdrs: Sup No. 5:9-18 May '78
- NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C. W. Borklund. Govt Exec 10:43+ Dec '78
- NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77
- NATO's cohesion, Europe's future. Maj Robert W. Chandler. illus tab AU Rev 29:8-21 May-Jun '78

BALANCE OF POWER - Continued

- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78
- The neglected threat of chemical warfare. Amoretta M. Hoeber and Joseph D. Douglass, Jr. Intl Sec 3:55-82 Summer '78
- New directions for NATO. William J. Perry. Def Sys Mgt Rev 1:66-73 Autumn '78
- New imperatives for the old Alliance. Robert Ellsworth. Intl Sec 2:132-148 Spring '78
- The new strategy: A redistribution of weakness. James D. Hessman. Sea Power 21:23-28 Mar '78
- Perspectives on FY 1979 Defense budget. (Presentation, Industrial Economics Seminar sponsored by Chase Econometric Associates, San Francisco, March 1, 1978) John A. Hewitt, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 6:16-37 Jun '78
- Pivotal problem of our times. (War and peace) Col V. Khrobostov and LtCol V. Gorbunov. Soviet Mil Rev No. 1:59-61 Jan '78
- President warned "current balance of forces (in NATO) gives no cause for complacency." Armed Forces J Intl 115:20-21 May '78
- Putting Soviet power in perspective. Les Aspin. tabs AEI Def Rev 2, No. 3:2-14 '78
- Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No. 9:11-20 Sep '78
- 'Readiness now' best insurance for national security. Gen David C. Jones. illus Officer 54:17-19 Dec '78
- Reflections on multipolarity. CAPT William A. Platte. Nav War Col Rev 30:33-46 Winter '78
- "The role of technology in strengthening NATO." William J. Perry. illus NATO's Fifteen Nations 23:52-55 Feb-Mar '78
- The Russians aren't coming ... they're here! MajGen J. Milnor Roberts. illus Officer 54:20-23 Jun '78
- SALT and nuclear balance in Europe. Fred Charles Iklé. illus Strat Rev 6:18-23 Spring '78
- SALT and the balance of superpower strategic forces. Jacquelyn K. Davis. tabs NATO's Fifteen Nations 23:56-61 Feb-Mar '78
- Satellites, sensors, and space stations: The next war at sea could start in outer space. William Ruhe. illus Sea Power 21:25-30 Sep '78
- Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D. A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78
- SecDef's annual report at odds with his budget guidance for next year. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:37-39 Mar '78

BALANCE OF POWER - Continued

The shifting theater nuclear balance in Europe. AVM Stewart W.B. Menaul. illus tabs Strat Rev 6:34-45 Fall '78

The Soviet Armed Forces. (Presentation, seminar sponsored by the Council on Foreign Relations and the Kennan Institute for Advanced Russian Studies, Washington, May 5, 1978) LtGen W.Y. Smith. tabs AF Ploy Ltr for Comdrs: Sup No.8:12-23 Aug '78

Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78

Soviets have the edge. (Interview with Rep John Breckinridge) AF Times 38:12 May 8 '78

Soviets to have jump on ICBMs in '80-'81: Sobering and disturbing study. Samuel S. Stratton. illus Officer 54:14 Mar '78

Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRocque. tabs Def Monitor 7: entire issue Jul '78

The strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 21: entire issue Mar 9 '78

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77; pt 2, The NATO Warsaw Pact imbalance. 115:20-24+ Jan '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

Troops of national air defense. William F. Scott. tab illus AF Mag 61:56-58+ Mar '78

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

U.S., Soviet force balance compared. tabs Armed Forces J Intl 115:24-25 Jul '78

U.S.-Soviet Military Posture. LtGen Ira C. Eaker, Ret. tab AF Times 38:13+ Feb 13 '78

The U.S.-USSR balance. (Remarks, Commonwealth Club of California, San Francisco, June 23, 1978) Harold Brown. AF Ploy Ltr for Comdrs: Sup No.9:2-10 Sep '78

The West's jugular vein: Arab oil. Bridget Gall. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

What are the Russians up to? Les Aspin. tabs Intl Sec 3:30-54 Summer '78

What if SALT II fails? Gen Maxwell D. Taylor, Ret. AEI Def Rev 2, No.4:15-23 '78

What the United States needs to maintain security. Col Robert D. Heinl, Jr, Ret. illus Sea Power 21: 13-14 Jul '78

Will the Pact attack? Richard Dana. illus Def & For Aff Dig 6, No.11:37+ '78

Withdrawal from Korea: A perplexing decision. Ernest W. Lefever. illus tab Strat Rev 6:28-35 Winter '78

BALKAN STATESStrategic Importance

Balkan strategic trends: The road from Sarajevo. Milan Vego. Def & For Aff Dig 6, No.12:8+ '78

BALLISTIC MISSILE EARLY WARNING SYSTEM

Otis (AFB, Mass) Pave Paws dispute resolved. AF Times 39:7 Nov 20 '78

BALLISTIC MISSILES see MissilesBALLISTICS

Ballistic similitude. Capt Lynn Hartsell. tabs Fld Arty J 46:30-32 Jul-Aug '78

Developing the hamburger yardstick. LtCol Anthony R. Nollett, Ret. illus MarCor Gaz 62:17-20 Dec '78

BALLOONS

The art of ballooning. (Remarks, Air Force Geophysics Laboratory Scientific Balloon Symposium, Portsmouth, NH, Aug 21, 1978) Hans Mark. AF Ploy Ltr for Comdrs: Sup No.11:37-40 Nov '78

Kirtland (AFB, NM) crew grabs 'ideas' at 15,000 feet. John Clendenin. AF Times 39:27 Sep 11 '78

BALTIC SEA REGIONStrategic Importance

The problems in the Baltic--threat and response. Comdrs Ulrich Weissner and Klaus Jancke. illus map NATO's Fifteen Nations 23:52-56 Apr-May '78

BANDS (MUSIC)

Marine Corps Minstrels continue American tradition. GySgt F.P. Byrne, Jr. illus MarCor Gaz 62:6+ Sep '78

9 (AF) bands being cut, one out altogether. AF Times 38:20 Mar 20 '78

BANKS AND BANKINGSee also

Electronic Funds Transfer System

The Air Force direct payroll deposit program. TIG Brief 30:15 Jul 21 '78

The cost of weekend borrowing. TIG Brief 30:22 May 26 '78

The Currency Clearing House--a multi-national effort. LtCol Donald E. Robson. illus AF Compt 12: 44-45 Apr '78

Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78

The IATA Bank Settlement Plan. tab Interavia 33:51 Jan '78

BARENTS SEAStrategic Importance

Spitsbergen: Who's in control? John C. Ausland. illus map US Nav Inst Proc 104:62-70 Nov '78

BARRACKS AND QUARTERSSee also

Housing

Air Force--U.S.

Assigning homes by rank to continue. AF Times 38:17 Feb 13 '78

Distinguished visitor quarters. TIG Brief 30:15 Jun 23 '78

BARRACKS AND QUARTERS - ContinuedAir Force--U.S. - Cont'd

E-5s, 6s allowed private rooms. Ron Sanders. AF Times 39:1+ Dec 4 '78

Housing: Bumping ended. AF Times 38:9 Feb 6 '78

Low EM getting break on inadequate housing. AF Times 38:7 May 15 '78

More may get to live off base. AF Times 39:8 Jul 31 '78

NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78

Priority sought for lower ranks: Substandard housing. Ron Sanders. AF Times 38:1+ Mar 6 '78

Recruits live in coed dorms--'mixed' BMT brings changes. Len Famiglietti. AF Times 38:30 Mar 20 '78

Maintenance and Repair

Improvements slated for 4000 quarters. AF Times 38:10 Mar 27 '78

Armed Forces--U.S.

Assigning housing by rank criticized (by GAO). AF Times 38:6+ Jan 16 '78

Brown backs variable BAQ in some CONUS areas. AF Times 39:1+ Dec 25 '78

Court bars quarters tax threat (in California). AF Times 38:1+ Feb 27 '78

Court of Appeals upholds room search without warrant. AF Times 38:24 May 1 '78

GAO: Set \$ limits on EM barracks. Ron Sanders. AF Times 38:10 Mar 27 '78

Hill panels OK 1400 family housing units. AF Times 38:4 Jun 5 '78

Hill wants civilians in TDY quarters. AF Times 39:38 Aug 21 '78

Priority sought for lower ranks: Substandard housing. Ron Sanders. AF Times 38:1+ Mar 6 '78

History

Old quarters that never die. Marianne Lester. illus AF Times, Times Magazine sup:4-8 Mar 6 '78

Army--U.S.

GI housing: Changes in the wind. Bob Gatty. illus Army 28:27-29 Apr '78

BARROW, Robert H.

Gen Robert H. Barrow (new Assistant CMC) gets 4th star. por MarCor Gaz 62:2 Aug '78

LtGen Robert H. Barrow to succeed Gen Samuel Jaskilka as Asst CMC. por MarCor Gaz 62:2 Apr '78

BARTLETT, Dewey F.

The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. AU Rev 29: 21-25 Jul-Aug '78

BASE EXCHANGES see ExchangesBASE OPERATIONS

Airhead ops made easy. 1stLt Carl J. Arseneault. illus Translog 9:14-15 May '78

Mission or safety--which comes first? SSgt Curtis P. Schinestuhl. Interceptor 20:15 Aug '78

Ops topics. Regular feature in issues of Aerospace Safety

BATTERIES

War on battery waste. Maj Norman E. Williams. illus Army Log 10:26-29 Nov-Dec '78

Maintenance and Repair

Tender loving care ... summer Rx for nicads. illus USA Avn Dig 24:6-9 Jun '78

BATTLEFIELD SURVEILLANCE see SurveillanceBATTLEFIELDS

Tactical offensive air power and the 1(BR) Corps battlefield. Maj G.G. Messervy-Whiting. RUSI J for Def Studies 123:23-26 Sep '78

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

Climax at Lake Champlain (War of 1812). James A. Carr. maps Natl Def 63:59-62+ Nov-Dec '78

BEARINGS

Joint Oil Analysis Program (JOAP). TIG Brief 30:17 Oct 6 '78

BEHAVIORISM (PSYCHOLOGY)

Behavior therapy and the treatment of flight phobia. John E. Carr. tab Aviation, Space & Envmt Med 49:1115-1119 Sep '78

Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

Dr (Don M. LaGrone) pinpoints problems of service family life. AF Times 39:2 Dec 25 '78

The genesis of terrorists. Stefan T. Possony. illus Def & For Aff Dig 6, No. 1:36-38 '78

High accident risk pilots. (Adapted from Approach, March 1977) illus Interceptor 20:5-7 Apr '78

The pinger. Capt James P. Coe. illus MAC Flyer 25:6-8 Jan '78

To err is human. Maj Wayne E. Griffith. illus Interceptor 20:12-15 Mar '78

When you are most likely to get hurt. Maj Wayne E. Griffith. illus tab Interceptor 20:14-15 Dec '78

BEIGHTLER, Robert S.

Farewell: Major General "Bob" Beightler ... one of "the old breed." Becky Moneysmith. por Natl Guardsman 32:11+ Jun '78

BENEFITS see

Bonuses
Fringe Benefits

Survivors Rights and Benefits
Veterans Benefits

BENINHistory

Praetorian politics and the Benin Raid. S.J. Baynam.
Army Qtr 107:422-434 Oct '77

BENNETT, Charles E.

Minute Man of the Year, Cong Charles E. Bennett,
and what he had to say (at ROA Mid-Winter Conference, Feb 22-24, 1978). por Officer 54:22-23
Apr '78

BERGQUIST, Robert L.

A perspective of DESCOM (DEpot System COMmand).
MajGen Robert L. Bergquist. Army Log 10:18-21
May-Jun '78

BERLIN AIRLIFT

The Berlin Airlift. Gen T.R. Milton, Ret. illus map
AF Mag 61:57-65 Jun '78

Berlin Airlift. Pictorial. Douglas I. Pirus. Am Avn
Hist Soc J 23:230-233 Fall '78

The little PX that helped make history. (Mobile PX
refreshment stand that provided Berlin airlift
pilots with coffee and snacks between missions)
Dave Karten. illus Review 58:26+ Jul-Aug '78

Thirty years on: The Berlin Airlift--a reassessment.
P.R. Wood. illus map Royal Air Forces Qtr 18:
226-238 Autumn '78

To save a city. illus Airman 22: inside back cover
Jun '78

BERRY, Russell I.

Deputy Reserve chief gives status report (on USAR).
BrigGen Russell I. Berry. por Officer 54:7-8
Feb '78

BERRY, Schuyler P.

Notes from the Director of the Professional Military
Comptroller School (Air University, Maxwell
AFB, Ala). Col Schuyler P. Berry. por AF Compt
12:40-41 Jan '78

BHUTANEconomic Policy

Strategic developments in Bhutan. Seymour Schein-
berg. illus map Mil Rev 58:47-55 Jan '78

Strategic Importance

Strategic developments in Bhutan. Seymour Schein-
berg. illus map Mil Rev 58:47-55 Jan '78

BICYCLES see Motorcycles and BicyclesBILLUPS, Rufus L.

(BrigGen William D. Curry, Jr assumes command of
Defense General Supply Center, replacing BrigGen
Rufus L. Billups) por Def Trans J 34:80 Oct '78

BIOGRAPHY see subdivision Biography under specific
subjects, e.g.,
Army--Biography
Marine Corps--Biography
National Guard--Biography

BIOLOGICAL RESEARCH

See also
Marine Biology

(Papers) Symposium on Biodynamic Models and Their
Applications (sponsored by Aerospace Medical Re-
search Laboratory, Wright-Patterson AFB, Ohio,
and National Academy of Sciences-National Re-
search Council, Dayton, Ohio, Feb 15-17, 1977)
illus tabs Aviation, Space & Envmt Med 49:109-
348 Jan '78

BIOLOGICAL RHYTHMS

Biorhythms: One more time. TIG Brief 30:8
Apr 28 '78

BIOLOGICAL WARFARE see Chemical-Biological War-
fare

BIOMEDICAL SCIENCES CORPS

Commissions (in Biomedical Sciences Corps) for
PAs. AF Times 38:2 Feb 20 '78

BIORHYTHMS see Biological Rhythms

BIRDS

Academy falconry pays off: It couldn't be done, they
said, but was. Bill Madsen. illus AF Times 38:16
Jan 9 '78

Avoidance of birds in the air. illus TAC Attack 18:
10-11 Sep '78

B*A*S*H* (Bird-Aircraft Strike Hazard teams from
Tyndall AFB, Fla, try to rid airfields of birds)
Capt Dick Sheffield. illus Airman 22:36-39 Jun '78

Bird control at the airport. illus TAC Attack 18:22-25
Sep '78

Birds and the airdrome. illus TAC Attack 18:18-20
Sep '78

Birdstrike on a B-52. Capt John G. Platt. illus Com-
bat Crew 28:20-22 Oct '78

Birdstrikes: The problem. (4-year analysis) tabs
map TAC Attack 18:3-7 Sep '78

4-legged hazard: Pilots warned. tab AF Times 38:21
Jan 1 '78

Impact tests seek safer windshields. illus AF Times
38:26 Feb 20 '78

South for the winter. map illus TAC Attack 18:12-14
Sep '78

Tips for the operator. (Birdstrike) illus TAC Attack
18:26-27 Sep '78

BLACK, Edwin F.

The neutron bomb and the defense of NATO. BrigGen
Edwin F. Black, Ret and S. T. Cohen. por Mil Rev
58:53-61 May '78

BLACKS IN THE ARMED FORCES

How race may change the Army. Def & For Aff Dig 6,
No. 7:32-33 '78

ROTC ends extra push for Blacks--Bakke decision
spinoff. Randy Moore. AF Times 39:2 Dec 4 '78

Racist Army. Capt G. Nikolayev. Soviet Mil Rev
No. 11:49-50+ Nov '78

BLACKS IN THE ARMED FORCES - ContinuedHistory

To be recognized as men: The practical utility of military history. Dudley T. Cornish. illus Mil Rev 58:40-55 Feb '78

BLACKSHAW, George E.

Defense Director for Air Warfare. por Natl Def 63:5 Sep-Oct '78

BLANCHARD, George S.

Language interoperability--a key for increased effectiveness in NATO. Gen George S. Blanchard. por Mil Rev 58:58-63 Oct '78

1978: The 'year of the soldier.' Gen George S. Blanchard. por Army 28:58-62 Oct '78

"USAREUR's equipment inventory at highest level state ever." Interview. Gen George Samuel Blanchard. por NATO's Fifteen Nations 22:95-97+ Dec '77-Jan '78

BLAZ, Vincente T.

New Marine Corps Reserve leader born on island of Guam. por blog Officer 54:9 Jun '78

BLIMPS see AirshipsBLOOD

Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782. Henry A. Leon and others. tab Aviation, Space & Envmt Med 49:66-69 Jan '78

Effect of dehydration on erythropoiesis in mice: Relevance to the "anemia" of space flight. C.D.R. Dunn. illus tab Aviation, Space & Envmt Med 49:990-993 Aug '78

Effect of long-term hyperbaric stress on ammonia metabolism in humans. Sara C. Gilman and others. tab Aviation, Space & Envmt Med 49:1093-1094 Sep '78

Hypertension in the civilian flying population: Significant or not? Michael A. Berry and Robert L. Wick, Jr. tabs Aviation, Space & Envmt Med 49:78-80 Jan '78

BOATS

The When and If--Patton's own. Peggy O'Connell Parker. illus Army 28:32-34 Feb '78

BODYCOMBE, Richard

(Air Force Reserve) 1977 ... in retrospect. MajGen Richard Bodycombe. por Air Reservist 29:14-15+ Feb '78

BOMBER UNITS

A legacy of safety. (20 years of flying safety for the 97th Bombardment Wg, Blytheville AFB, Ark) Capt Thomas N. McKnight, Jr. illus Combat Crew 28:8-11+ Sep '78

Resource management (in the 379th Bomb Wing). Maj Jerry N. Steelman. illus AF Compt 12:12-13 Apr '78

BOMBING

Bomb/nav changes key to B-52 update. Benjamin M. Elson. illus (Also cutaway) Combat Crew 28:16-20 Dec '78

BOMBING - Continued

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

F-4 WRCS/CAS. Capt Harry F. Davis. illus map USAF Ftr Wpns Rev, pp 7-14, Spring '78

The impact of strategic air warfare. George H. Qvester. tabs Armed Forces & Soc 4:179-206 Winter '78

Jolly Green Giant's golf ball (Ground Directed Bomb System (GDBS)). Maj Davy M. Bass. illus TAC Attack 18:20-22 Feb '78

November Sierra radar bombs. Capt Ed Zamorski. illus USAF Ftr Wpns Rev, pp 34-36, Summer '78

Thinking the unthinkable: The possibilities and implications of strategic bombing against Israel in the next war. Uri Bialer. illus tab RUSI J for Def Studies 122:65-71 Dec '77

History

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78

The day they sank the Ostfriesland. TSgt David L. Youngman. (Reprinted from Airman, July 1950) illus Airman 22:6-8 Dec '78

Study and Teaching

Dive toss checks. Capt Charles Brammeier. illus map USAF Ftr Wpns Rev, pp 30-33, Spring '78

Low angle bombing. Maj Alex Harwick. illus USAF Ftr Wpns Rev, pp 15-17+, Spring '78

BOMBING, NAVIGATION, ETCCompetitionsAir Force

Fairchild Trophy: 4th for Plattsburg (AFB, NY). AF Times 39:49 Nov 13 '78

The (Flying) Tigers who roared. (TAC unit wins the RAF Strike Command's 1977 Tactical Bombing and Navigation Competition) MSgt Dennis Sweatt. illus Airman 22:2-7 Apr '78

I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78

USAF win at "Lossie." (RAF Strike Command Tactical Bombing Competition, Lossiemouth, Scotland, Oct 1977) Ian G. Stott. illus Air Pict 39:462-463 Dec '77

BOMBINGS, TERRORIST see TerrorismBOMBSSee also

Neutron Bomb
Nuclear Bombs

Disposal

Send for Felix! (Ammunition expert) Col Norman L. Dodd, Ret. illus Mil Rev 58:46-55 Mar '78

Guidance and Control

GBU-15 modular guided weapon system. Capt David J. Ladurini. illus TAC Attack 18:20-22 May '78

BOMBS - ContinuedGuidance and Control - Cont'd

A guiding light (GLLD, Ground Laser Locator Designator). TSgt Janet Wright. illus Air Reservist 29:6-7 Mar '78

BONUSES

DOD asks bonus change for doctors. AF Times 39:29 Dec 25 '78

End to regular bonus seen hurting re-ups. AF Times 38:22 Feb 27 '78

How to figure SRB. tab AF Times 39:10 Dec 4 '78

Lump-sum SRBs delayed until April 1. Bruce Callander. AF Times 39:1+ Nov 6 '78

Many can claim unexpected bonus. Bruce Callander. AF Times 39:1+ Sep 25 '78

More booty for bounty hunters finding deserters. AF Times 39:1+ Aug 28 '78

Reserve bonuses available by December. AF Times 39:24 Nov 20 '78

Retention--more flight pay: Would it work (to help stem the flow of military pilots to the airlines)? AF Times 39:3 Sep 25 '78

Re-up bonus delay--cutting your losses. Bruce Callander. AF Times 39:1+ Oct 2 '78

Revised (DOD) Directive (1304.22) lists criteria for SRB. AF Times 39:18 Nov 27 '78

Some changes, none major, due for re-up bonuses. AF Times 39:7 Sep 18 '78

Some to pay back (skill) bonus. AF Times 38:3 Jan 1 '78

Take a break, re-up, and collect bonuses--delayed plan reinstated for 1st termers. AF Times 38:1+ Jul 24 '78

You may want (reenlistment bonus in) lump sum, but Hill doesn't. AF Times 39:21 Aug 14 '78

BOOK REVIEWS

Above the Battle: War-Making in America from Appomattox to Versailles, by T.C. Leonard. Mil Rev 58:91 Oct '78

Aces and Aerial Victories: The USAF in South East Asia, 1965-1973, by Office of Air Force History. RUSI J for Def Studies 123:89-90 Jun '78; Royal Air Forces Qtr 18:197-198 Summer '78; Aerosp Hist 25:126 Jun '78

Against the Tide: The Argument in Favor of the American Soldier, by P.B. Petersen. MarCor Gaz 62:54 Feb '78

The Air Force Integrates: 1945-1964, by A.L. Gropman. AF Mag 61:114 Oct '78

Air Power at Sea, 1939-1945, by J. Winton. AU Rev 29:88-89 Jul-Aug '78

Airfields of the Eighth--Then and Now, by Editors of After the Battle Magazine. AF Times 39:36 Sep 25 '78

Alfred Thayer Mahan, the Man and His Letters, by R. Seager II. Nav War Col Rev 31:134-136 Summer '78; RUSI J for Def Studies 123:68 Sep '78

BOOK REVIEWS - Continued

All Quiet on the Eastern Front: The Death of South Vietnam, edited by A.T. Bouscaren. Mil Rev 58:95 Oct '78

The All Volunteer Force: A Study of Ideology in the Military, by J.G. Bachman and others. Nav War Col Rev 31:111-113 Summer '78; Armed Forces & Soc 4:723-726 Summer '78

The All-Volunteer Force and American Society, edited by J.B. Keeley. Army 28:55-56 Dec '78

Allende's Chile: An Inside View, by E. Boorstein. Parameters 7, No. 4:90-91 '77; MarCor Gaz 62:62 Oct '78

America in a Divided World, 1945-1972, edited by R.H. Ferrell. AU Rev 29:91-92 Mar-Apr '78

American and Soviet Military Trends since the Cuban Missile Crisis, by J.M. Collins. Sea Power 21:15-18 Jul '78; Strat Rev 6:77-81 Summer '78; AF Mag 61:156+ Sep '78; Mil Rev 58:94-95 Nov '78; US Nav Inst Proc 104:95-96 Oct '78

American Espionage: From Secret Service to CIA, by R. Jeffreys-Jones. Mil Rev 58:89-90 Jul '78

The American Revolution: A Global War, by R.E. Dupuy and others. MarCor Gaz 62:54-55 Feb '78; Army 28:47-48 Jan '78

American Thinking about Peace and War, by K. Booth and M. White. RUSI J for Def Studies 123:65 Sep '78

Arab Politics: The Search for Legitimacy, by M.C. Hudson. Parameters 8:93-94 Sep '78

Arafat: The Man and the Myth, by T. Kiernan. AU Rev 29:91-92 Jul-Aug '78

Armies and Politics, by J. Woddis. RUSI J for Def Studies 123:80-81 Jun '78

The Armies of Ignorance, by W.R. Corson. Mil Rev 58:89-90 Jul '78

The Arms Bazaar: From Lebanon to Lockheed, by A. Sampson. US Nav Inst Proc 104:98-99 Jan '78; Strat Rev 6:85-87 Winter '78; RUSI J for Def Studies 123:86 Jun '78

Arms Control and European Security--a Guide to East-West Negotiations, by J.I. Coffey. RUSI J for Def Studies 123:85-86 Mar '78

Arms, Men, and Military Budgets: Issues for Fiscal Year 1978, edited by F.P. Hoeber and W. Schneider, Jr. Mil Rev 58:92-93 Jun '78

The Army-Navy Game, by R. Stratton. Nav War Col Rev 30:112-115 Winter '78; Mil Rev 58:75-76 Dec '78

Arnhem 1944, by J. Piekalkiewicz. Air Def Mag, pp 58-59, Apr-Jun '78

Autobiography of Values, by C.A. Lindbergh. AF Mag 61:96-97 Jul '78

Bargaining for Supremacy: Anglo-American Naval Cooperation, 1937-1941, by J.R. Leutze. Nav War Col Rev 30:127 Spring '78; US Nav Inst Proc 104:94 Apr '78; RUSI J for Def Studies 123:88 Jun '78

A Battle History of the Imperial Japanese Navy (1941-1945), by P.S. Dull. Nav War Col Rev 31:83-88 Fall '78

The Battle of the Atlantic, by T. Hughes and J. Costello. US Nav Inst Proc 104:96-97 Jul '78

BOOK REVIEWS - Continued

- The Battle of the Java Sea, by F.C. van Oosten. Nav War Col Rev 30:116-118 Winter '78
- Beyond Nuclear Deterrence: New Aims, New Arms, edited by J.J. Holst and U. Nerlich. RUSI J for Def Studies 122:74-75 Dec '77; Strat Rev 6:82-84 Winter '78
- Beyond Top Secret U, by E. Montagu. RUSI J for Def Studies 123:87 Mar '78
- Big Story: How the American Press and Television Reported and Interpreted the Crisis of Tet 1968 in Vietnam and Washington, by P. Braestrup. Parameters 7, No. 4:83-84 '77; MarCor Gaz 62: 55-56 Feb '78; US Nav Inst Proc 104:95 Jul '78
- Biomedical Results from Skylab, edited by R.S. Johnston and L.F. Dietlein. Aviation, Space & Envt Med 49:839 Jun '78
- Black Defenders of America, 1775-1973, by R.E. Greene. Armed Forces & Soc 4:329-334 Winter '78
- Black Jack: The Life and Times of John J. Pershing, by F.E. Vandiver. Army 28:66-67 Mar '78; Army Qtr 108:124-125 Jan '78
- The Black Soldier and Officer in the United States Army, 1891-1917, by M.E. Fletcher. Armed Forces & Soc 4:329-334 Winter '78
- Blacks and the Military in American History, by J.D. Foner. Armed Forces & Soc 4:329-334 Winter '78
- Blacks in the Army Air Forces During World War II: The Problem of Race Relations, by A.M. Osur. Aerosp Hist 25:124-125 Jun '78
- Blue-Collar Soldiers? Unionization and the U.S. Military, by A.N. Sabrosky. Nav War Col Rev 30:136-137 Spring '78
- Bodyguard of Lies, by A.C. Brown. AU Rev 29:76-83 May-Jun '78
- 'Boney' Fuller: Soldier, Strategist, and Writer 1878-1966, by A.J. Trythall. Nav War Col Rev 31:116-118 Summer '78
- Bridge Across the Sky: The Berlin Blockade and Airlift, 1948-1949, by R. Collier. Army 28:56-57 Dec '78
- British Rearmament in the Thirties: Politics and Profits, by R.P. Shay, Jr. Nav War Col Rev 30: 138-140 Spring '78
- Brothers in Blood, the International Terrorist Network, by O. Demaris. Parameters 7, No. 4:88 '77; Army 28:57-58 Feb '78; Air Def Mag, p 61, Apr-Jun '78
- Cambodia: Year Zero, by F. Ponchaud. Trans by N. Amphoux. Parameters 8:96-97 Sep '78
- The Camera Never Blinks, Adventures of a TV Journalist, by D. Rather and M. Herskowitz. Nav War Col Rev 30:130-131 Spring '78; MarCor Gaz 62:60 Aug '78
- Castroism and Communism in Latin America, 1959-1976, by W.E. Ratliffe. MarCor Gaz 62:59 Apr '78
- Checkmate at Ruweisat: Auchinleck's Finest Hour, by D.G. Brownlow. Mil Rev 58:94-95 Jul '78
- Chemical Weapons and Chemical Arms Control, edited by M. Meselson. Parameters 8:87-89 Sep '78

BOOK REVIEWS - Continued

- China and America: The Search for a New Relationship, edited by W.J. Barnds. Parameters 8:96 Mar '78
- China and Japan 1949-1976, by R.K. Jain. RUSI J for Def Studies 123:87-88 Jun '78
- China and the Major Powers in East Asia, by A.D. Barnett. Nav War Col Rev 31:113-115 Summer '78
- China and the World since 1949, by W. Gungwu. RUSI J for Def Studies 123:80-81 Mar '78
- China: The Impact of the Cultural Revolution, edited by B. Brugger. RUSI J for Def Studies 123:75-76 Sep '78
- China's Future: Foreign Policy and Economic Development in the Post-Mao Era, by A.S. Whiting and R.F. Dernberger. Parameters 7, No. 4: 89-90 '77
- The Chinese Military System: An Organizational Study of the Chinese People's Liberation Army, by H.W. Nelsen. Strat Rev 6:87-90 Fall '78; Armed Forces & Soc 5:145-154 Fall '78
- Churchill and the Admirals, by S. Roskill. RUSI J for Def Studies 123:86 Mar '78
- Civil Defense: A Soviet View, by P.T. Yegorov and others. Mil Rev 58:91-92 Apr '78
- Clausewitz and the State, by P. Paret. Armed Forces & Soc 5:123-131 Fall '78
- Clear the Bridge! The War Patrols of the USS Tang, by R.H. O'Kane. US Nav Inst Proc 104:102-103 Jun '78
- The Cloud of Danger: Current Realities of American Foreign Policy, by G.F. Kennan. Parameters 7, No. 4:86-87 '77; Strat Rev 6:80-81 Winter '78; AU Rev 29:93-94 May-Jun '78
- Command Decision and the Presidency: A Study of National Security Policy and Organization, by R.G. Hoxie. Mil Rev 58:90-91 Nov '78
- Common Sense Training: A Working Philosophy for Leaders, by A.S. Collins, Jr. Parameters 8:90-91 Sep '78
- Communist Regimes in Eastern Europe, by R.F. Starr. MarCor Gaz 62:74 May '78
- Comrade Chiang Ch'ing, by R. Witke. Parameters 7, No. 4:90 '77
- Conflict in Africa--Concepts and Realities, by A.B. Bozeman. Armed Forces & Soc 4:305-310 Winter '78
- Contemporary Strategy, by J. Baylis and others. Army Qtr 107:500 Oct '77
- Contemporary Terrorism: Selected Readings, edited by J.D. Elliott and L.K. Gibson. Natl Def 63:95-96 Nov-Dec '78
- Controlling Future Arms Trade, by A.H. Cahn and others. Parameters 8:97-98 Jun '78
- Convoy, by M. Middlebrook. AU Rev 29:86-87 Jul-Aug '78
- Corps Commander, by B. Horrocks and others. Army 28:67-68 Nov '78
- The Counterinsurgency Era: U.S. Doctrine and Performance, by D.S. Blaufarb. Armed Forces J Intl 115:50 May '78

BOOK REVIEWS - Continued

- The Craft of Intelligence, by A.W.Dulles. AF Plcy Ltr for Comdrs: Sup No.12:39-40 Dec '77
- Crisis in Command: Mismanagement in the Army, by R.A.Gabriel and P.L.Savage. Mil Rev 58:94-95 Sep '78; Army 28:55-56 Jul '78; AF Mag 61:114-115 Oct '78; Armed Forces J Intl 116:34 Oct '78
- The Critical Convoy Battles of March 1943, by J.Rohwer. US Nav Inst Proc 104:92-93 Feb '78; RUSI J for Def Studies 123:86-87 Mar '78; Nav War Col Rev 31:132-133 Fall '78
- Crossroads to Civil War: Lebanon, 1958-1976, by K.Saibbi. AU Rev 29:89-90 May-Jun '78
- Cycles of War: The Next Six Years, by R.E.McMaster, Jr. Mil Rev 58:89-90 Oct '78
- The Day Before Doomsday, by S.Lens. Parameters 7, No.4:91-92 '77
- Death of a Country: The Civil War in Lebanon, by J.Bulloch. RUSI J for Def Studies 122:76 Dec '77; Army Qtr 107:500-501 Oct '77
- Decade of Decisions: American Policy Toward the Arab-Israeli Conflict, 1967-1977, by W.B.Quandt. Strat Rev 6:81-85 Summer '78
- Decent Interval, by F.Snepp. Natl Def 62:601 May-Jun '78
- Decision over Schweinfurt: The U.S. 8th Air Force Battle for Daylight Bombing, by T.M.Coffey. Mil Rev 58:93-94 Jun '78
- Defence of Australia: Fundamental New Aspects, edited by R.O'Neil. RUSI J for Def Studies 122: 83-84 Dec '77
- Defending America: Toward a New Role in the Post-Detente World, by R.Conquest and others. Mil Rev 58:90-91 Oct '78
- The Diplomacy of Detente: The Kissinger Era, by C.Bell. RUSI J for Def Studies 123:84-85 Jun '78
- Dispatches, by M.Herr. MarCor Gaz 62:60 Apr '78; US Nav Inst Proc 104:109-110 Sep '78
- Doenitz at Nuremberg: A Reappraisal, edited by H.K. Thompson, Jr and H.Strutz. AU Rev 29:92-93 Mar-Apr '78
- Doolittle: A Biography, by L.Thomas and E.Jablon-ski. Aerosp Hist 25:56 Mar '78; MarCor Gaz 62: 12-13 Jul '78
- Dropshot: The United States Plan for War with the Soviet Union in 1957, by A.C.Brown. Army 28: 73-74 Apr '78; Parameters 8:93 Mar '78; Nav War Col Rev 31:103-106 Fall '78; US Nav Inst Proc 104: 110-111 Sep '78
- The End of the Post War Era: A New Balance of World Power, by A.Buchan. AF Plcy Ltr for Comdrs: Sup No.6:37-38 Jun '78
- Energy and Conflict: The Life and Times of Edward Teller, by S.Blumberg and G.Owens. AU Rev 29: 89-90 Mar-Apr '78
- Enola Gay, by G.Thomas and M.M.Witts. AF Mag 61:77-78 Apr '78; Aerosp Hist 25:122-123 Jun '78
- Entebbe Rescue, by Y.Ben-Porat and others. Trans by L.Williams. MarCor Gaz 62:56-57 Feb '78
- The Evolution of Soviet Security Strategy, 1965-1975, by A.Haselkorn. Nav War Col Rev 31:111-113 Fall '78

BOOK REVIEWS - Continued

- The Experience of the Black Soldier, World War II, edited by M.P.Motley. Nav War Col Rev 31:129-130 Summer '78
- The Face of Battle, by J.Keegan. MarCor Gaz 62:54 Feb '78; Armed Forces & Soc 5:117-121 Fall '78
- 55 Days: The Fall of South Vietnam, by A.Dawson. AF Mag 61:110-111 Mar '78; MarCor Gaz 62:58-59 Aug '78; Mil Rev 58:92-93 Oct '78
- Fighter: The True Story of the Battle of Britain, by L.Deighton. Royal Air Forces Qtr 17:406-407 Winter '77; AF Mag 61:155-156 Sep '78; Parameters 8:96 Sep '78; RUSI J for Def Studies 123:77 Sep '78; Strat Rev 6:82-84 Fall '78
- Fighting Spirit--Psychological Factors in War, by F.M.Richardson. RUSI J for Def Studies 123:66 Sep '78
- The Final Conclave, by M.Martin. Strat Rev 6:77-81 Spring '78
- First Flight, by J.E.Walsh. Royal Air Forces Qtr 18:97-98 Spring '78
- Flying Buccaneers: The Illustrated Story of Kenney's Fifth Air Force, by S.Birdsall. AF Mag 61:72-73 Feb '78; Aerosp Hist 25:56 Mar '78
- For the Common Defense, by A.J.Goodpaster. Parameters 8:95-96 Mar '78; Army 28:74 Apr '78
- The Fourth Arm, Psychological Warfare 1938-45, by C.Cruickshank. RUSI J for Def Studies 123:94 Jun '78
- Fulfilment of a Mission: Syria and Lebanon 1941-1944, by E.Spears. RUSI J for Def Studies 123:83-84 Mar '78
- The Future Global Challenge: A Predictive Study of World Security, 1977-1990, by N.Brown. Royal Air Forces Qtr 18:98-99 Spring '78
- The Future of Soviet Military Power, edited by L.L. Whetten. Armor 87:58 Jan-Feb '78
- The Future of Tactical Airpower in the Defence of Australia, edited by D.Ball. RUSI J for Def Studies 122:84 Dec '77
- The G.I.'s: The Americans in Britain, 1942-1945, by N.Longmate. AU Rev 29:87 Jan-Feb '78
- The Game of Disarmament: How the United States and Russia Run the Arms Race, by A.Myrdal. Nav War Col Rev 31:130-132 Summer '78
- The Generals: Making It Military Style, by M.Mylender. AU Rev 29:81-85 Jul-Aug '78
- A Genius for War: The German Army and General Staff, 1807-1945, by T.N.Dupuy. MarCor Gaz 62: 60-61 Jun '78
- The Geopolitics of Energy, by M.A.Conant and F.R. Gold. Parameters 8:98-99 Jun '78
- The Geopolitics of the Nuclear Era: Heartland, Rimlands, and the Technological Revolution, by C.S. Gray. Nav War Col Rev 31:126-128 Summer '78
- German Generals of World War II: As I Saw Them, by F.W. von Mellenthin. Mil Rev 58:92-93 Apr '78
- Ghana's First Republic, 1960-1966: The Pursuit of the Political Kingdom, by T.Jones. AU Rev 29: 94-95 Sep-Oct '78
- The Giants: Russia and America, by R.J.Barnet. Mil Rev 58:91-92 May '78

BOOK REVIEWS - Continued

- The Glider Gang: An Eyewitness History of World War II Glider Combat, by M. Dank. MarCor Gaz 62:64 Jan '78
- Glittering Misery: Dependents of the Indian Fighting Army, by P.Y. Stallard. Army 28:68 Nov '78
- Global Fracture, by M. Hudson. RUSI J for Def Studies 123:85-86 Jun '78
- Grand Strategy for the 1980's, edited by B. Palmer, Jr. Natl Guardsman 32:9+ Jul '78; AF Mag 61:155 Sep '78; Parameters 8:89-90 Sep '78
- The Great Admirals, by R. Hough. Air Pict 40:65 Feb '78
- Guderian: Creator of the Blitzkrieg, by K. Macksey. MarCor Gaz 62:13 Jul '78
- Guerilla: A Historical and Critical Study, by W. Laquer. Armed Forces & Soc 4:341-343 Winter '78; Army Qtr 107:505-506 Oct '77
- The Gun and the Olive Branch: The Roots of Violence in the Middle East, by D. Hirst. RUSI J for Def Studies 123:82-83 Mar '78
- Henry Wallace, Harry Truman, and the Cold War, by R.J. Walton. AU Rev 29:77-84 Jan-Feb '78
- The History of the German Resistance, 1933-1945, by P. Hoffmann. Nav War Col Rev 30:121-123 Spring '78
- The History of the SS, by G.S. Graber. Army 28:56 Dec '78
- A History of Zionism, by W. Laqueur. AU Rev 29:89-90 May-Jun '78
- Hitler's Spies: German Military Intelligence in World War II, by D. Kahn. Army 28:58-59 Sep '78
- Hitler's War, by D. Irving. Army Qtr 107:507-508 Oct '77; RUSI J for Def Studies 123:79-80 Mar '78; AU Rev 29:84-88 May-Jun '78
- How Long Will South Africa Survive? by R.W. Johnson. RUSI J for Def Studies 122:75-76 Dec '77
- Human Relations in the Military, Problems and Programs, edited by G. Henderson. AU Rev 29:88 Jan-Feb '78
- Illusions of Choice, by R.F. Coulham. Nav War Col Rev 30:120-121 Spring '78
- Imbalance of Power, Shifting U.S.-Soviet Military Strength, by J.M. Collins and A.H. Cordesman. Nav War Col Rev 31:107-108 Fall '78; US Nav Inst Proc 104:95-96 Oct '78
- Instruments of Darkness: The History of Electronic Warfare, by A. Price. Royal Air Forces Qtr 17: 409-410 Winter '77; Nav War Col Rev 31:128-129 Fall '78
- The Intelligence Community: History, Organization, and Issues, compiled and edited by T.G. Fain and others. US Nav Inst Proc 104:124-126 Nov '78
- The International Politics of the Nigerian Civil War, by J. Stremlau. Nav War Col Rev 31:136-137 Summer '78
- Issues in Japan's China Policy, by W. Mendl. RUSI J for Def Studies 123:87-88 Jun '78
- Japanese-Trained Armies in Southeast Asia, by J.C. Lebra. Mil Rev 58:89-90 Apr '78

BOOK REVIEWS - Continued

- The Joint Chiefs of Staff: The First Twenty-five Years, by L.J. Korb. Armed Forces & Soc 4: 323-328 Winter '78; AU Rev 29:89-90 Jan-Feb '78
- Just and Unjust Wars: A Moral Argument with Historical Illustrations, by M. Walzer. Army 28:65 Mar '78; US Nav Inst Proc 104:96 Oct '78
- The Kaiser, Warlord of the Second Reich, by A. Palmer. Army 28:55 Jul '78
- Kissinger: The European Mind in American Policy, a Biographical Inquiry, by B. Mazlish. MarCor Gaz 62:63 Oct '78
- Korean Phoenix: A Nation from the Ashes, by M. Keon. Mil Rev 58:94 Oct '78
- The Korean War: A 25-year Perspective, edited by F.H. Heller. Army 28:67 Mar '78; Mil Rev 58:93-94 Oct '78
- The Kremlin and Labor: A Study in National Security Policy, by R. Godson. Nav War Col Rev 31:125-126 Summer '78
- The Lessons of Vietnam, edited by W.S. Thompson and D.D. Frizzell. RUSI J for Def Studies 122:77 Dec '77; Armor 87:58 Jan-Feb '78; MarCor Gaz 62:59-60 Jun '78
- Liddell Hart: A Study of His Military Thought, by B. Bond. Def & For Aff Dig 6, No. 1:47 '78; Army 28:58 Feb '78; Mil Rev 58:90-91 May '78; RUSI J for Def Studies 123:72 Mar '78; Parameters 8:97-98 Mar '78; Army Qtr 108:122-123 Jan '78; Nav War Col Rev 31:116-118 Summer '78
- The Life and Death of the Afrika Korps, by R. Lewin. RUSI J for Def Studies 122:79-80 Dec '77; Army Qtr 107:495-496 Oct '77; Army 28:65-67 Mar '78
- Logistics, Essential to Strategy, by J.L. Heskett. Log Spectrum 12:34-35 Summer '78
- Lonely Eagles: The Story of America's Black Air Force in World War II, by R.A. Rose. Aerosp Hist 25:124-125 Jun '78
- Lonely Vigil: Coast Watchers of the Solomons, by W. Lord. MarCor Gaz 62:55 Feb '78; Mil Rev 58: 93-94 Apr '78
- A Man Called Intrepid: The Secret War, by W. Stevenson. Strat Rev 6:74-77 Summer '78
- The Man Who Broke Purple: The Life of Colonel William F. Friedman, Who Deciphered the Japanese Code in World War II, by R. Clark. Army 28:73 Apr '78
- The Man Who Created Hitler--Joseph Goebbels, by V. Reimann. RUSI J for Def Studies 123:79-80 Mar '78
- Management in the Armed Forces: An Anatomy of the Military Profession, by J.C.T. Downey and others. RUSI J for Def Studies 122:75 Dec '77; Mil Rev 58: 94-95 Aug '78
- Mao Tse-tung in the Scales of History, by D. Wilson. Mil Rev 58:72-73 Dec '78
- Marine Corps Aviation: The Early Years 1912-1940, by E.C. Johnson. MarCor Gaz 62:58 Aug '78
- Marine! The Life of Chesty Puller, by B. Davis. Natl Def 63:96-97 Nov-Dec '78

BOOK REVIEWS - Continued

- The Military and Politics in Modern Times: On Professionals, Praetorians, and Revolutionary Soldiers, by A. Perlmutter. Army 28:48-49 Jan '78; Armed Forces & Soc 5:133-143 Fall '78
- The Military in Contemporary Soviet Politics: An Institutional Analysis, by E. L. Warner III. Parameters 8:93 Sep '78; RUSI J for Def Studies 123:75 Sep '78
- The Military in the Third World, by G. Kennedy. AU Rev 29:91 Mar-Apr '78
- Military Manpower and the All-Volunteer Force, by R. V. L. Cooper. Armed Forces & Soc 4:717-722 Summer '78
- The Missile Defense Controversy: Strategy, Technology and Politics, 1955-1972, by E. J. Yanarella. RUSI J for Def Studies 123:88-89 Jun '78
- Mobilizing Women for War: German and American Propaganda, 1939-1945, by L. J. Rupp. Parameters 8:92-93 Sep '78
- Montgomery of Alamein, by A. Chalfont. AU Rev 29:76-83 May-Jun '78
- Morality and Foreign Policy, edited by E. W. Lefever. Nav War Col Rev 31:120-122 Fall '78
- Murder of a Gentle Land, by J. Barron and A. Paul. Army 28:58 Feb '78
- The My Lai Massacre and Its Cover-Up: Beyond the Reach of Law?: The Peers Report with a Supplement and Introductory Essay on the Limits of Law, by J. Goldstein and others. RUSI J for Def Studies 123:66-67 Sep '78
- A New World Role for the Medium Power: The British Opportunity, by J. Bellini and G. Pattie. Royal Air Forces Qtr 18:95 Spring '78
- Nimitz, by E. B. Potter. AU Rev 29:91-92 May-Jun '78
- 90 Minutes at Entebbe, by W. Stevenson. MarCor Gaz 62:56-57 Feb '78
- No Soft Options: The Politico-military Realities of NATO, by P. Hill-Norton. RUSI J for Def Studies 123:64 Sep '78; Strat Rev 6:84-87 Fall '78
- Not as a Duty Only: An Infantryman's War, by H. Gullet. Army 28:57 Dec '78
- Nuclear Strategy and National Security: Points of View, edited by R. J. Pranger and R. P. Labrie. Natl Def 62:601-602 May-Jun '78
- Nuclear Weapons and Foreign Policy, by H. Kissinger. Nav War Col Rev 31:89-103 Fall '78
- Nuclear Weapons and World Politics: Alternatives for the Future, by D. C. Gompert and others. Mil Rev 58:90-91 Sep '78
- Offense and Defense in the International System, by G. H. Quester. Mil Rev 58:93 Sep '78
- Oil, Divestiture, and National Security, edited by F. N. Trager. AU Rev 29:90-91 Mar-Apr '78
- On the Psychology of Military Incompetence, by N. Dixon. Mil Rev 58:96 Aug '78
- On to Berlin, Battles of an Airborne Commander, 1943-1946, by J. M. Gavin. AF Mag 61:82 Jun '78

BOOK REVIEWS - Continued

- On War, by K. von Clausewitz. Edited and trans by M. Howard and P. Paret. AF Mag 61:82-83 Aug '78; Strat Rev 6:88-91 Summer '78; Armed Forces & Soc 5:123-131 Fall '78
- Operation "Menace": The Dakar Expedition and the Dudley North Affair, by A. Marder. AU Rev 29:89 Jul-Aug '78
- Opposition and Dissent in Contemporary China, by P. R. Moody. Mil Rev 58:73-74 Dec '78
- Organizational Behavior Modification, by F. Luthans and R. Kreitner. Log Spectrum 12:33-34 Summer '78
- Our Endless War, by Tran Van Don. AF Mag 61:30-31 Nov '78
- The Overthrow of Allende and the Politics of Chile, by P. E. Sigmund. Strat Rev 6:75-77 Spring '78; MarCor Gaz 62:62-63 Oct '78
- POW: A Definitive History of the American Prisoner-of-War Experience in Vietnam, 1964-1973, by J. G. Hubbell. Armor 87:58-59 Jan-Feb '78; Fld Arty J 46:61 Mar-Apr '78
- The Pacific War: World War II and the Japanese, 1931-1945, by S. Ienaga. Parameters 8:95-96 Sep '78; Army 28:71 Nov '78
- The Panama Canal Controversy, by P. B. Ryan. Nav War Col Rev 30:135-136 Spring '78; US Nav Inst Proc 104:101-102 Jun '78; Parameters 8:94-95 Jun '78
- The Panama Canal: The Crisis in Historical Perspective, by W. LaFeber. Parameters 8:94-95 Jun '78; US Nav Inst Proc 104:101-102 Jun '78
- Panzer Army Africa, by J. Lucas. RUSI J for Def Studies 122:79-80 Dec '77
- Passport Round the World, by M. McCarthy. Army 28:56-57 Jul '78
- The Path Between the Seas: The Creation of the Panama Canal 1870-1914, by D. McCullough. US Nav Inst Proc 104:101-102 Jun '78
- Peace-Keeper's Handbook. RUSI J for Def Studies 123:77-78 Sep '78
- The Pennsylvania Line: Regimental Organization and Operations, 1776-1783, by J. B. B. Trussell, Jr. Army 28:57-58 Aug '78
- Pipe Clay and Drill John J. Pershing: The Classic American Soldier, by R. Goldhurst. Nav War Col Rev 30:121 Spring '78
- The Polish Underground State--1939-1945: A Guide to the Underground, by S. Korbonski. Strat Rev 6:91-94 Fall '78
- Political Control of the Soviet Armed Forces, by M. J. Deane. Mil Rev 58:93-94 Aug '78
- Political Implications of Soviet Military Power, edited by L. L. Whetten. Armor 87:58 Jan-Feb '78; Mil Rev 58:92-93 Aug '78
- Political Terrorism: The Threat and the Response, by F. M. Watson. AU Rev 29:94 Sep-Oct '78
- The Politics of Defeat: America's Decline in the Middle East, by J. Churba. Parameters 8:96 Jun '78; Strat Rev 6:81-85 Summer '78; Nav War Col Rev 31:106-107 Fall '78

BOOK REVIEWS - Continued

- The Politics of Defense Analysis, by R.Sanders. Armed Forces & Soc 4:323-328 Winter '78
- Politics of the Indian Ocean Region: The Balance of Power, by F.A.Vali. Nav War Col Rev 30:115-116 Winter '78
- Portal of Hungerford: The Life of Marshal of the Royal Air Force Viscount Portal of Hungerford KG, GCB, OM, DSO, MC, by D.Richards. AF Mag 61:138+ Dec '78
- Practice to Deceive, by D.Mure. Nav War Col Rev 31:125-126 Fall '78
- Precarious Security, by M.D.Taylor. AU Rev 29:93 Mar-Apr '78
- Preparing for the Next War: American Plans for Postwar Defense, 1941-45, by M.S.Sherry. Nav War Col Rev 30:111-112 Winter '78
- President Eisenhower and Strategy Management: A Study in Defense Politics, by D.Kinnard. RUSI J for Def Studies 123:88-89 Jun '78; Nav War Col Rev 31:115-117 Fall '78
- The Price of Preparedness, by L.J.Korb. Nav War Col Rev 30:123-124 Spring '78
- Prisoner at War: The Survival of Commander Richard A.Stratton, by S.Blakey. Sea Power 21:41 Sep '78
- The Professional Army Officer in a Changing Society, by S.C.Sarkesian. AU Rev 29:78-85 Jul-Aug '78
- Propaganda--the Act of Persuasion: World War II, by A.Rhodes and V.Margalin. MarCor Gaz 62:57 Feb '78
- The Psychopathic God--Adolf Hitler, by R.Waite. RUSI J for Def Studies 123:79-80 Mar '78
- The Public Use of Private Interest, by C.L.Schultze. Nav War Col Rev 30:137-138 Spring '78
- The Raid, by B.F.Schemmer. Army 28:47 Jan '78
- Reaching Judgment at Nuremberg, by B.F.Smith. AU Rev 29:84-88 May-Jun '78
- Red Star on the Nile: The Soviet-Egyptian Influence Relationship since the June War, by A.Z.Rubinstein. Mil Rev 58:92-93 May '78; Parameters 8: 98 Sep '78
- Regimes for the Ocean, Outer Space, and Weather, by S.Brown and others. Nav War Col Rev 31:118-119 Summer '78
- Remaking Foreign Policy: The Organizational Connection, by G.T.Allison and P.L.Szantow. AU Rev 29:93 Sep-Oct '78
- Revolution in the Third World, by G.Chaliand. RUSI J for Def Studies 123:76 Sep '78
- The Role of Nuclear Forces in Current Soviet Strategy, by L.Goure and others. AF Plcy Ltr for Comdrs: Sup No.9:31-32 Sep '78
- Roosevelt and Churchill 1939-1941, by J.P.Lash. RUSI J for Def Studies 123:88 Jun '78
- A Rumor of War, by P.Caputo. US Nav Inst Proc 104:95-96 Jan '78
- Russia: The People and the Power, by R.Kaiser. AU Rev 29:90 Jul-Aug '78
- The Russian Navy: Myth and Reality, by E.Morris. RUSI J for Def Studies 122:73 Dec '77

BOOK REVIEWS - Continued

- The Russian Version of the Second World War, edited by G.Lyons. Army Qtr 107:512-513 Oct '77
- SIN/One Way-Economy Class, by L.Caldwell. MarCor Gaz 62:64 Jan '78
- Sailor Historian: The Best of Samuel Eliot Morrison, edited by E.M.Beck. MarCor Gaz 62:57 Apr '78
- A Sailor's Admiral: A Biography of William F.Halsey, by J.M.Merrill. AU Rev 29:87-88 Jul-Aug '78
- A Savage War of Peace: Algeria, 1954-1962, by A.Horne. Army 28:57 Aug '78
- Sea Power and the Law of the Sea: The Need for a Contextual Approach, by M.W.Janis. Nav War Col Rev 30:88-101 Spring '78
- The Second World War: An Illustrated History, by A.J.P.Taylor. AU Rev 29:88 Mar-Apr '78
- Secret Intelligence in the Twentieth Century, by C.FitzGibbon. Armed Forces J Intl 115:37 Jan '78
- The Secret War in the Sudan: 1955-1972, by E.O'Balalance. Army Qtr 107:506-507 Oct '77; Armor 87: 59 May-Jun '78; Mil Rev 58:93-94 Jul '78
- The Secret War Report of the OSS, edited by A.C.Brown. Nav War Col Rev 30:100-102 Winter '78
- The Shadow of Pearl Harbor: Political Controversy over the Surprise Attack, 1941-1946, by M.V.Melosi. US Nav Inst Proc 104:94-95 Apr '78; Nav War Col Rev 31:122-123 Fall '78
- The Shadow of the Winter Palace: The Drift to Revolution 1825-1917, by E.Crankshaw. Army Qtr 107:496-497 Oct '77
- Shattered Peace: The Origins of the Cold War and the National Security State, by D.Yergin. Nav War Col Rev 30:118-119 Winter '78; Mil Rev 58:91-92 Sep '78
- Silent Missions, by V.A.Walters. Sea Power 21:41 Jun '78; AF Mag 61:96 Jul '78; Parameters 8:93 Jun '78; Strat Rev 6:85-88 Summer '78
- Six Months to Oblivion: The Eclipse of the Luftwaffe Fighter Force, by W.Girbig. AU Rev 29:78-83 May-Jun '78
- Soldiers and Kinsmen in Uganda--the Making of a Military Ethnocracy, by A.A.Mazrui. Armed Forces & Soc 4:305-310 Winter '78
- Soldiers, Statesmen, and Cold War Crises, by R.K.Betts. Army 28:74-75 Apr '78; Air Def Mag, p 55, Jan-Mar '78; Parameters 8:91-92 Sep '78; Mil Rev 58:89-90 Nov '78
- Southern Africa: The Escalation of a Conflict--a Politico-Military Study, by the Stockholm International Peace Research Institute. Parameters 8:96-97 Jun '78
- The Southern Oceans and the Security of the Free World, edited by P.Wall. RUSI J for Def Studies 123:73-74 Sep '78
- The Soviet Air Force since 1918, by A.Boyd. AF Mag 61:72 Feb '78
- Soviet Air Power in Transition, by R.P.Berman. US Nav Inst Proc 104:96 Jul '78
- Soviet Images of America, by S.P.Gilbert and others. RUSI J for Def Studies 123:82 Mar '78

BOOK REVIEWS - Continued

- The Soviet Military Buildup and U.S. Defense Spending, by B.M. Blechman and others. Nav War Col Rev 30:114-116 Spring '78
- Soviet Naval Influence, edited by M. McCwire and J. McDonnell. RUSI J for Def Studies 122:73-74 Dec '77; AU Rev 29:90-91 Jul-Aug '78; US Nav Inst Proc 104:123-124 Nov '78
- Soviet Penetration of Latin America, by L. Goure and M. Rothenberg. MarCor Gaz 62:59 Apr '78
- The Soviet Threat: Myths and Realities, edited by G. Kirk and N.H. Wessell. Parameters 8:94-95 Sep '78
- The Spanish Civil War, by H. Thomas. Army Qtr 107: 504-505 Oct '77
- Spies and Spymasters: A Concise History of Intelligence, by J. Haswell. Mil Rev 58:91 Jul '78
- Sputnik, Scientists, and Eisenhower: A Memoir of the First Special Assistant to the President for Science and Technology, by J.R. Killian, Jr. Aerosp Hist 25:194 Sep '78
- Stalag: U.S.A.: The Remarkable Story of German POW's in America, by J.M. Gansberg. Mil Rev 58:107-108 Jan '78; MarCor Gaz 62:59 Aug '78
- Strategy for Defeat, by U.S.G. Sharp. Natl Def 63:95 Nov-Dec '78; AF Times 39:34 Dec 4 '78; AF Mag 61:138 Dec '78; Sea Power 21:29-30 Dec '78
- The Struggle for Palestine, by J.C. Hurewitz. AU Rev 29:89-90 May-Jun '78
- Summons of the Trumpet: U.S. - Vietnam in Perspective, by D.R. Palmer. AF Mag 61:83 Aug '78; Army 28:57-58 Sep '78
- Superior Orders in National and International Law, by L.C. Green. Armed Forces & Soc 4:353-356 Winter '78
- Supplying War: Logistics from Wallenstein to Patton, by M. Van Creveid. Army 28:57-58 May '78
- The Sword and the Pen: Selections from the World's Greatest Military Writings, edited by A. Liddell Hart. AU Rev 29:76-83 May-Jun '78
- Technical Change and British Naval Policy 1860-1939, edited by B. Ranft. Nav War Col Rev 30: 129-130 Spring '78
- Technology, World Politics, and American Policy, by V. Basiuk. Parameters 8:97 Mar '78
- Ten Thousand Tons by Christmas, by E. White. Aerosp Hist 25:126-127 Jun '78
- Terrorism, by W. Laqueur. Army 28:57-58 Feb '78; Strat Rev 6:73-74 Spring '78
- Terrorism: From Robespierre to Arafat, by A. Parry. AU Rev 29:89 Mar-Apr '78
- Terrorism in Latin America, by E. Halperin. MarCor Gaz 62:63 Jan '78
- The Third World War August 1985; a Future History, by J. Hackett and others. NATO's Fifteen Nations 23:85 Aug-Sep '78
- To Be Preserved Forever, by L. Kopelev. Abr and trans by A. Austin. Parameters 8:99-100 Mar '78
- Top Secret: National Security and the Right To Know, by M.H. Halperin and D.N. Hoffman. Mil Rev 58: 106-107 Mar '78

BOOK REVIEWS - Continued

- The Totalitarian Temptation, by J. Revel. MarCor Gaz 62:60 Jun '78; Armor 87:75-76 Jul-Aug '78
- Toward a Human World Order: Beyond the National Security Straitjacket, by G. and P. Mische. AU Rev 29:86-91 Sep-Oct '78
- The Trail of the Fox, by D. Irving. MarCor Gaz 62: 58-59 Apr '78; RUSI J for Def Studies 123:87 Jun '78; Mil Rev 58:92-93 Jul '78
- The Truth about the Panama Canal, by D. Kitchel. Natl Def 62:502 Mar-Apr '78; Parameters 8:94-95 Jun '78
- U-Boat Killer, by D. MacIntyre. Nav War Col Rev 30:106-107 Winter '78; Army Qtr 107:511-512 Oct '77
- Uncertain Greatness: Henry Kissinger and American Foreign Policy, by R. Morris. Parameters 7, No. 4:87-88 '77; Nav War Col Rev 30:128-129 Spring '78
- The United States Air Force in Southeast Asia, 1961-1973, edited by C. Berger. Mil Rev 58:88 Apr '78; Nav War Col Rev 30:113-114 Spring '78; Royal Air Forces Qtr 18:197-198 Summer '78; RUSI J for Def Studies 123:89-90 Jun '78
- United States Foreign Policy and World Order, by J.A. Nathan and J.K. Oliver. AU Rev 29:77-84 Jan-Feb '78
- U.S. Intelligence and the Soviet Strategic Threat, by L. Freedman. RUSI J for Def Studies 123:84 Jun '78; Parameters 8:97-98 Sep '78
- U.S. Life Lines. 7th edition. Sea Power 21:31-34 Sep '78
- The U.S. Marine Corps Story, by J.R. Moskin. US Nav Inst Proc 104:126-128 Nov '78
- The United States Navy and the Vietnam Conflict. Vol I: The Setting of the Stage to 1959, by E.B. Hooper and others. Nav War Col Rev 31:113-115 Fall '78
- The United States Soldier Between Two World Wars, by J.D. Foner. Armed Forces & Soc 4:329-334 Winter '78
- The Unmaking of a President: Lyndon Johnson and Vietnam, by H.Y. Schandler. Parameters 7, No. 4:85-86 '77; Nav War Col Rev 30:109-111 Winter '78; Natl Def 62:502-503 Mar-Apr '78
- V Was for Victory: Politics and American Culture During World War II, by J.M. Blum. AU Rev 29: 92 Jul-Aug '78
- Valley of Darkness: The Japanese People and World War Two, by T.R.H. Havens. Parameters 8:95-96 Sep '78
- Very Special Intelligence: The Story of the Admiralty's Operational Intelligence Centre, 1939-1945, by P. Beesly. US Nav Inst Proc 104:91-92 Feb '78
- The Vildé Affair: Beginnings of the French Resistance, by M. Blumenson. Parameters 7, No. 4: 88-89 '77; Nav War Col Rev 30:95 Winter '78
- Wake Island: The Heroic Gallant Fight, by D. Schultz. MarCor Gaz 62:62 Dec '78
- War and Moral Responsibility, edited by M. Cohen and others. Armed Forces & Soc 4:353-356 Winter '78

BOOK REVIEWS - Continued

- War and Peace in the Middle East, by O. Bull. Royal Air Forces Qtr 18:198 Summer '78
- War and the Liberal Conscience, by M. Howard. Sea Power 21:33 Aug '78; Army 28:187 Oct '78
- War, Business, and American Society: Historical Perspectives on the Military-Industrial Complex, edited by B.F. Cooling. Parameters 8:99 Mar '78; Mil Rev 58:91 Jun '78; Nav War Col Rev 31:119-121 Summer '78
- War: Controlling Escalation, by R. Smoke. Parameters 8:93-94 Jun '78; Mil Rev 58:92-93 Sep '78
- War, Economy and Society, 1939-1945, by A.S. Milward. Mil Rev 58:109 Jan '78
- The War in the Trenches, by A. Lloyd. Mil Rev 58:94-95 Apr '78
- The War Managers, by D. Kinnard. Parameters 7, No. 4:84-85 '77; AF Mag 61:73 Feb '78; Mil Rev 58:100-102 Jan '78; MarCor Gaz 62:57-58 Apr '78; Nav War Col Rev 31:106-111 Summer '78; RUSI J for Def Studies 123:89-90 Jun '78
- War on the Mind: The Military Uses and Abuses of Psychology, by P. Watson. RUSI J for Def Studies 123:65-66 Sep '78
- War, Strategy and Maritime Power, edited by B.M. Simpson III. Army 28:71-72 Jun '78
- Warning to the West, by A. Solzhenitsyn. AU Rev 29:77-84 Jan-Feb '78
- Wartime, by M. Djilas. Army Qtr 108:125-126 Jan '78
- Weapons of Mass Destruction and the Environment, by A.H. Westing. Nav War Col Rev 31:137-138 Summer '78
- Whither China: The View from the Kremlin, by M. Rothenberg. Nav War Col Rev 30:131-135 Spring '78
- With Malice Toward None: The Life of Abraham Lincoln, by S.B. Oates. MarCor Gaz 62:63-64 Jan '78
- Women and the Military, by M. Binkin and S.J. Bach. Mil Rev 58:108-109 Jan '78; Nav War Col Rev 31:115-116 Summer '78; Armed Forces & Soc 4:727-731 Summer '78
- World Perspectives in the Sociology of the Military, edited by G.A. Kourvetaris and B.A. Dobratz. Mil Rev 58:107-109 Feb '78
- World Power Assessment 1977, by R.S. Cline. Nav War Col Rev 30:118-120 Spring '78; Strat Rev 6:77-81 Summer '78

BOOKS AND READING

- Army booklovers. Col V. Degtyaryov. illus Soviet Mil Rev No. 2:54-55 Feb '78
- Notable naval books of 1977. Jack Sweetman. illus US Nav Inst Proc 104:101-105 Jan '78

BOOSTERS

- Ariane right on course: Europe's workhorse launcher set for final qualification. Chris Bulloch. illus tabs Interavia 33:731-735 Aug '78
- Ariane--the European launcher. illus Aerosp Intl 14:18 Aug-Sep '78

BOOSTERS - Continued

- Gallery of USAF weapons: Launch vehicles. illus AF Mag 61:129-130 May '78

BOOTSTRAP COMMISSIONING PROGRAM see Airman Education and Commissioning ProgramBOPHUTHATSWANA

- Bophuthatswana: Africa's youngest state. John Fullerton. Def & For Aff Dig 6, No. 1:48 '78

BOROS, John L.

- Transportation executive: Changing times. (Address, NDTA Transportation & Logistics Forum, Anaheim, Calif, Sep 26, 1977) MajGen John L. Boros, Ret. por Def Trans J 34:23-26+ Feb '78

BOSWELL, Marion L.

- Alaskan Air Command. por AF Mag 61:70-71 May '78

BOWERS, Emmett W.

- (Major) General (Emmett W.) Bowers assumes command of DPSC. por Review 58:10+ Sep-Oct '78

BOWMAN, Richard C.

- The two-way street and NATO standardization--a clarification of the U.S. position. Interview. MajGen Richard C. Bowman. Intl Def Rev 11, No. 1:35-40 '78

BRADLEY, Mark E., Jr

- The XP-40. Gen Mark E. Bradley, Ret. por Aerosp Hist 25:129-135 Sep '78

BRADLEY, Omar N.

- General of the Army Omar N. Bradley: The 'soldiers' soldier' is still on active duty. Lothar H. Wedekind. por AF Times, Times Magazine sup:18-20 Aug 7 '78

BRAIN

- Changes in EEG pattern during acclimatization to high altitude (3500 m) in man. W. Selvamurthy and others. illus tab Aviation, Space & Envmt Med 49:968-971 Aug '78

BRAKES

- See also
Airplanes, Military--Brakes

BRAZIL

- The 'colonels' down in Rio. (American airmen donate time and money to an orphanage) TSgt Ken Peterson. illus Airman 22:44-48 Mar '78

Foreign RelationsUnited States

- How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

BREWER, Margaret A.

- Marine Corps names Col Margaret Brewer first woman general. por MarCor Gaz 62:2 May '78
- Marine Corps names first woman general. por Natl Def 63:72 Jul-Aug '78

BRIDGES

Can Marine ground commanders bridge the gap? Capt J.A. Marapoti. illus MarCor Gaz 62:43-48 Jun '78

Combat support: Engineer. Capt R.I. Leonard and 1stLt W.R. Wingate. MarCor Gaz 62:52-53 Jul '78

Military bridges in late '80s. illus Translog 9:18 Jan '78

Mobile bridging adapts to the modern battlefield environment. Martin E. Falk. illus Natl Def 63:31-33+ Jul-Aug '78

(Soviet) engineer support to water crossings. illus tabs Intl Def Rev 11, No. 2:201-203 '78

A steel bridge on the Gold and Silver Road (Burma). Bonnie Baker Quinby and Capt G. William Quinby. illus map Mil Engr 70:94-96 Mar-Apr '78

Wheels for the Army's bridges. Gerald F. Wilber. illus tab Mil Engr 70:330-331 Sep-Oct '78

BRIEFING AND BRIEFING TEAMS

Hindsight, forethought, happenstance, and me. Maj Wayne Griffith. illus Interceptor 20:5-7 Feb '78

BROWN, George S.

Farewell 'Posture Statement.' Gen George S. Brown. por AF Mag 61:43-47 Oct '78

(Gen) Brown hits benefits loss (in his annual report to the Congress on the posture of the military). Andy Plattner. por AF Times 38:3 Feb 13 '78

Gen George S. Brown dies--headed Joint Chiefs of Staff. por blog obit AF Times 39:24 Dec 18 '78

Gen George S. Brown, Ret. (Remarks at retirement service, June 30, 1978) AF Mag 61:4 Aug '78

Making military judgments. (Address, Business Council, Hot Springs, Va, Oct 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 12:8-14 Dec '77

Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:29-31 Apr '78

People. Gen George S. Brown. Officer 54:27-29 Apr '78

The strategic nuclear balance. Gen George S. Brown. por Comdrs Dig 21: entire issue Mar 9 '78

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

BROWN, Harold

Alter 20-yr retirement (for military). Interview. Harold Brown. por AF Times 38:1+ Jun 5 '78

Balance of power. Harold Brown. por Command 1: entire issue Sep '78

Brown backs down on veterinarian cuts. AF Times 39:8 Oct 2 '78

Brown backs variable BAQ in some CONUS areas. AF Times 39:1+ Dec 25 '78

Corps may be force of the future (according to SecDef Harold Brown). MarCor Gaz 62:2 Apr '78

BROWN, Harold - Continued

Cruise missile--"full 10C" date problem for Pentagon, defensive one for USSR. Armed Forces J Intl 115:20 Jul '78

Decisionmaking. (Statement inaugurating the Stennis Visiting Statesmen Series, Mississippi State University, State College, Miss, Oct 21, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 12: 2-7 Dec '77

(DefSec) Brown changes his mind--adds ships to '79 supplemental. Sea Power 21:16-17 Dec '78

Dogs to lose docs under (SecDef) Brown plan. Ron Sanders. AF Times 39:10 Aug 14 '78

Excerpts from DOD's Annual Report for Fiscal Year 1979. Harold Brown. Review 57:22+ Mar-Apr '78

(FY 1980) on the plus side: More Army units, more equipment, faster reinforcement. Armed Forces J Intl 116:40 Mar '78

The first duty of government. (Remarks, American Legion National Convention, New Orleans, Aug 22, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-10 Nov '78

Harold Brown "works" his way South--for eight days of vacation. F. Clifton Berry, Jr. Armed Forces J Intl 115:13-14 Feb '78

Inter-allied goals for a strong NATO defense. Harold Brown. Command 1:2-3+ Dec '78

International trends and defense. (A summary of SecDef Harold Brown's annual Defense budget report FY 1979) Comdrs Dig 21: entire issue Feb 23 '78

\$126 billion budget--and bad news for the Navy. Benjamin F. Schemmer. por Armed Forces J Intl 116: 32-35 Mar '78

Pay to remain as is for now, Brown says. Tom Philippott. AF Times 39:3 Aug 28 '78

President warned "current balance of forces (in NATO) gives no cause for complacency." Armed Forces J Intl 115:20-21 May '78

The proposed FY 79 Defense budget. Harold Brown. Comdrs Dig 21: entire issue Feb 9 '78

Secretary of Defense aims for fair compensation system. (From Armed Forces Day address to military and civilian personnel, Ramstein AB, Ger) Harold Brown. por Air Reservist 30:3 Jul '78

SecDef (Brown) canceled ship program because it wouldn't outrun an airplane. Armed Forces J Intl 115:9 Jun '78

(SecDef) Brown wants to boost JCS image. AF Times 39:31 Jul 31 '78

SecDef (Brown) would slash Navy Reserve strength. Officer 54:11-12 Mar '78

SecDef's annual report at odds with his budget guidance for next year. Benjamin F. Schemmer. Armed Forces J Intl 116:37-39 Mar '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. Armed Forces J Intl 115:10 Apr '78

Summary of DOD annual report. (Presented before House Armed Services Committee, Washington, Feb 2, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 4:20-28 Apr '78

BROWN, Harold - Continued

U.S. Armed Forces in Europe. (Remarks, U.S. and NATO Armed Forces personnel, Ramstein AB, Ger, May 19, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:2-8 Aug '78

The U.S.-USSR balance. (Remarks, Commonwealth Club of California, San Francisco, June 23, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.9:2-10 Sep '78

BROWN, James L.

Air Force Intelligence Service. por AF Mag 61:96-97 May '78

BROWN, William E., Jr

Nuclear weapons security. BrigGen William E. Brown, Jr. TIG Brief 30:2 Mar 31 '78

BUCKINGHAM, Charles E.

Farewell Lt General (Charles E.) Buckingham (who retires as Comptroller of the Air Force, July 1, 1978). AF Compt 12:2 Jul '78

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

Directorate of Budget. MajGen Robert Scurlock. illus chart AF Compt 12:22-23 Oct '78

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 12:26-27 Apr '78

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 12:22-23 Jul '78

Notes from the Director of Budget (women analysts in the Directorate of Budget). MajGen Hans H. Driessnack. illus AF Compt 12:6-7 Jan '78

MethodologySee also

Zero-Base Budgeting

MBO. M.Scott Downing. tabs Govt Exec pt 1, The virtues & vices. 10:39-42 Apr '78; pt 2, Working the triangle. 10:42-47 May '78

BUILDING AND CONSTRUCTIONSee also

Underground Structures

(Alaska) pipeline perspective. John J.Kern. illus map Mil Engr 70:24-29 Jan-Feb '78

Built-up roof management program. Michael R.Torriello. illus AF Engrg & Svcs Qtr 19:6-7+ Nov '78

A "dozer" that flies? William R.Barwick. illus USA Avn Dig 24:24-25 Jul '78

Energy conservation opportunities in military construction. Milton Meckler. illus tabs Mil Engr 70:30-33 Jan-Feb '78

\$4.1 billion in construction OK'd on Hill for FY 79. AF Times 39:8 Aug 21 '78

Government paperwork drowns construction industry. Eugene E.Halmos, Jr. illus Mil Engr 70:91-93 Mar-Apr '78

Hill housing \$\$: Nothing for AF. AF Times 39:20 Sep 11 '78

Hill panels OK 1400 family housing units. AF Times 38:4 Jun 5 '78

Managing construction management. Maj Daniel E. Paterson and Capt William C.Mason. illus AF Engrg & Svcs Qtr 19:26-29 May '78; Mil Engr 70:241-243 Jul-Aug '78

BUILDING AND CONSTRUCTION - Continued

Minor construction intent violated: GAO. AF Times 38:36 Mar 27 '78

\$150M slated to build, fix-up commissaries. AF Times 38:2 Jan 9 '78

Planning conferences for construction projects. TIG Brief 30:15 Sep 22 '78

A steel bridge on the Gold and Silver Road (Burma). Bonnie Baker Quinby and Capt G.William Quinby. illus map Mil Engr 70:94-96 Mar-Apr '78

The Stockbridge (Indian) Reservation road. illus Natl Guardsman 32:10-11 Aug '78

Taming the mixing bowl. (1-mile stretch of the Shirley Highway just south of the Pentagon) Eugene E. Halmos, Jr. illus Mil Engr 70:254-256 Jul-Aug '78

23 stores, centers, BX planned. AF Times 38:12 Jan 16 '78

A user-oriented management information system. LtCol Bruce M.Cowan and Maj Richard E.Mayo. tab Mil Engr 70:111-113 Mar-Apr '78

Equipment

All in the FAMECE (FAMily of Military Engineer Construction Equipment). illus Natl Def pt 1. Allen O.Elkins. 58:532-535 May-Jun '74; pt 2. William R.Barwick. 62:390-391+ Mar-Apr '78

BULGARIAHistory

Together forever: Centenary of the liberation of Bulgaria. Col A.Verbitsky. illus Soviet Mil Rev No.3:47-49 Mar '78

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Caisson Platoon--in the tradition of the horse soldier. Capt Joe Sciuto. illus Soldiers 33:37-40 Nov '78

Mortuary affairs. TIG Brief 30:11 Mar 17 '78

Taps: Why military funerals aren't necessarily what you expect. Lothar H.Wedekind. illus AF Times, Times Magazine sup:28-32 Aug 7 '78

BURNS, Kenneth D.

USAF Security Service. por AF Mag 61:90 May '78

BUSINESSSee also

Small Business

Government's growing isolation from business. John E.Clark. illus Govt Exec 10:49-50 Jul '78

On-base business enterprises. TIG Brief 30:12 Mar 31 '78

BUTLER, Smedley D.

The Philadelphia connection. (Marine BrigGen Smedley D.Butler serves as Director of Public Safety for Philadelphia, 1924-25, during Prohibition) Maj John C.Short, Jr. por MarCor Gaz 62:57-63 Nov '78

BUYING see Purchasing

CAB see Civil Aeronautics Board

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

CIA see Central Intelligence Agency

COSTAR see Combat Support of the Army

CRAF see Civil Reserve Air Fleet

CABLES

Navy moves out on system to eliminate 25-50% of all wiring and cables in ships. illus Armed Forces J Intl 115:16-17 Jul '78

Pacific common carrier communications systems. Robert E. Conn. illus map tabs Signal 32:35-39 Feb '78

Maintenance and Repair

"A stitch in time ..." etc, etc. Gary M. Erickson. illus AF Engrg & Svcs Qtr 19:16-17+ Nov '78

CALIBRATION

One of a kind--on the road with the 95th Calibration Company. SGM Tommy L. Burnette. illus Army Log 10:36-38 Jul-Aug '78

Precision Measurement Equipment (PME): Is it a dropped object? TIG Brief 30:9 Aug 4 '78

CALIFANO, Joseph A., Jr

HEW takes a stand against smoking. (From testimony before Subcommittee on Health and the Environment of the House Interstate and Foreign Commerce Committee, Feb 15, 1978) Joseph A. Califano, Jr. por Review 57:34+ Mar-Apr '78

CAMBODIA

Vietnam: Will the war ever end? Rick Cotta. Mil Elect/Countermeasures 4:22+ Dec '78

Foreign Relations

Vietnam (Socialist Republic)

Communist Vietnam and the border war: Victim or aggressor? Joseph A. Mendenhall. illus Strat Rev 6:56-61 Summer '78

CAMERAS

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

CAMOUFLAGE

Camouflage for battle survival. A. T. Sylvester II. illus Natl Def 63:48-49+ Jul-Aug '78

LCSS (Lightweight Camouflage Screen System) for the M109. James L. Parcher. illus Fld Arty J 46: 58-59 Jan-Feb '78

Lightweight screening systems. Lt Albert Malich. illus Fld Arty J 46:58-59 Jul-Aug '78

CAMOUFLAGE - Continued

More on camouflage. Maj William K. Emerson. illus Armor 87:28-29 May-Jun '78

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANALS see Waterways

CANEDY, Charles E.

Army Aviation--"getting ready." BrigGen Charles E. Canedy. por USA Avn Dig 24:1-3+ Aug '78

Tac air: An Army view. BrigGen Charles E. Canedy. AF Mag 61:56-57 Feb '78

CARBON MONOXIDE

CO (carbon monoxide): The silent summons. LtCol Harold Andersen. TAC Attack 18:8-10 Jan '78

Carbon monoxide and the aviator (or, what altitude did you reach from one cigarette?). Col Frank S. Pettyjohn and others. illus tab USA Avn Dig 24: 28-31 Feb '78

Carboxyhemoglobin levels during a submarine patrol. K. R. Bondi and others. tabs Aviation, Space & Envmt Med 49:851-854 Jul '78

Hypoxia, smoking history, and exercise. Jeames A. Wagner and others. illus tabs Aviation, Space & Envmt Med 49:785-791 Jun '78

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

(AF) career enhancement aimed at civilians. Randy Moore. AF Times 38:7 Apr 24 '78

Airman career progression guides. TIG Brief 30:18 Aug 25 '78

Bars to stars. Regular feature in issues of Air Defense Magazine

Brighter career prospects for USAF's civilian employees. Ed Gates. AF Mag 61:73-76 Apr '78; AF Pley Ltr for Comdrs; Sup No. 7:31-36 Jul '78

Career counseling: Commander/supervisor responsibility. TIG Brief 30:4 Jun 23 '78

(Career progression) guides (AFP-39 series) show airmen where they're going. AF Times 38:21 Mar 20 '78

Career 'visibility' for all airmen now possible. TIG Brief 30:17 May 12 '78

Careers placed 10, 180 in new field since '74. Len Famiglietti. AF Times 39:6 Oct 2 '78

Comstore career plan starts for moving civilians up. Randy Moore. illus AF Times 39:10 Sep 18 '78

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Easing the MOS crunch. Maj Dean A. Phillips and SSgt John Savard. illus tabs Soldiers 33:20-23 May '78

Enlisted career news. Regular feature in issues of Air Defense Magazine

CAREER PROGRAM - Continued

Enlisted career notes. Regular feature in issues of Infantry

Flying training--new commitments (for) advanced schools. M.L. Craver. AF Times 39:1+ Nov 20 '78

Focus on assignments. Capt Warren S. Lacy. illus Soldiers 33:20-25 Apr '78

HEW tries the sterling approach. Govt Exec 10:32-34 Mar '78

Navigators in command: A naval perspective. Maj Michael E. Richardson. illus tab AU Rev 29:56-64 Jan-Feb '78

Navy training for transportation careers. Maj Gary Wilde. illus Translog 9:2-5 Aug '78

Notes from the Palace Dollar team. Maj Ben Lester. illus tabs AF Compt 12:23+ Apr '78

Notes from the Palace Dollar team. Capt Gary G. Payne. illus tabs AF Compt 12:38-39 Jan '78

Notes from the Palace Dollar team: What lies ahead. Capt Al Yanik. illus tabs AF Compt 12:38-39 Jul '78

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

OPMS (Officer Personnel Management System): Demise of the whole officer concept? Capt Philip O. Benham, Jr. illus MIl Rev 58:67-72 Jun '78

Officers career notes. Regular feature in issues of Infantry

The path to command. LT Terrance J. McKearney. tab illus US Nav Inst Proc 104:76-87 Mar '78

Prejudice or fact? A perspective from the PPPA (Prejudiced Pilots' Protective Assoc). illus AU Rev 29:65-69 Jan-Feb '78

Procurement & grants management: New opportunities for career growth. (Federal Acquisition Institute) illus Govt Exec 10:23+ Jun '78

Training and qualification record. TIG Brief 30:15 Jul 21 '78

Weapon systems officer management, my end of tour report. Maj Nolan W. Schmidt. illus tab Navigator 25:26-31 Spring '78

CARGOSee also

Air Cargo
Hazardous Substances--Transportation

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

Entering the intermodal age. Charles I. Hiltzheimler. illus Def Trans J 34:18-22 Jun '78

The future of container ports. Lee Sellers. illus Def Trans J 34:30-32 Jun '78

The LACH (Light Amphibious Container Handler) is an example of rapid R&D. LtCol B.J. Cauley. illus MarCor Gaz 62:62-63 Mar '78

CARGO - Continued

Military Sealift Command container service--a decade of progress. Howard Cradick. illus Def Trans J 34:34-39 Jun '78

Okinawa passes the bullets (to Korea). Capt Edward A. Kronholm. illus Translog 9:15-17 Oct '78

Today's intermodal disincentives. Karl E. Bakke. illus Def Trans J 34:6-7+ Jun '78

Whose cargo preference? Irwin M. Heine. illus tabs Sea Power 21:29-36 Mar '78

CARIBBEAN REGION

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77; pt 2, 3:50+ Dec '77-Jan '78

CARTER, James E.

Carter DOD (Authorization) Bill veto blamed on confusion. AF Times 39:7 Sep 11 '78

Carter may try to hold CPI raises to one a year. AF Times 39:4 Dec 11 '78

Carter okays upgrading of civil defense. AF Times 39:3 Nov 27 '78

Federal civil service reform. (Message to Congress, March 2, 1978) Pres Jimmy Carter. AF Plcy Ltr for Comdrs: Sup No. 5:33-38 May '78

Jimmy Carter's arms transfer policy: It won't work. Gen Bernard A. Schriever, Ret. AEI Def Rev 2, No. 5:16-28 '78

Mr Carter, Congress and the generals. Bob Gatty. Army 28:28-30 Dec '78

(Pres) Carter lauds o'sea troops. AF Times 39:6 Aug 7 '78

(Pres) Carter weighing pay cap in '79. Randy Shoemaker. AF Times 39:4 Jul 31 '78

CARTOGRAPHY see Maps and MappingCASUALTIES

See also subdivision under specific wars, e.g., Vietnamese Conflict, 1957-1975--Casualties
World War II--Casualties

Cause of death in aircraft accidents: Drowning vs traumatic injuries. Robert L. Thompson. illus Aviation, Space & Envmt Med 48:924-928 Oct '77

Military fatalities--are you prepared to handle them? TIG Brief 30:16 Oct 20 '78

Revised reg (AFR 30-25) emphasizes better aid to next-of-kin. AF Times 39:10 Aug 28 '78

CAVALRYSee also

Air Cavalry

Militia cavalry. LtCol Raymond E. Bell, Jr. illus Armor 87:24-25 Jul-Aug '78

History

Chihuahua Cavalry (U.S. Army). LtCol R. Gordon Pynes, Jr. illus Armor 87:36-39 May-Jun '78

CAVALRY - ContinuedHistory - Cont'd

Old Bill. William K. Emerson. illus Armor 87:28-29 Sep-Oct '78

Return of the long knives. (Cavalry unit, 5th Cavalry (Reorganized), at Warren AFB, Wyo, is unofficial tribute to the history of the base and area) James A. George. illus Airman 22:42-48 Feb '78

Organization

The battalion scout platoon is alive and well. Capt Marc A. King. illus tabs Armor 87:35-37 Sep-Oct '78

1st CAVALRY DIVISION (ARTILLERY)

The First Team and TACFIRE (TACTical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

Maximum readiness for the training dollar. Col Robert E. Leard. illus Fld Arty J 46:42-44 Nov-Dec '78

CELEBRATIONS

Bicentennial parade. (Aircraft in commemorative markings) Pictorial. Gerald Markgraf. Am Avn Hist Soc J pt 1, 21:290-296 Winter '76; pt 2, 22:268-275 Winter '77

Fiesta! (Celebrating Texas Independence Day in San Antonio) SMSgt Harold Newcomb. illus Airman 22:17-21 Sep '78

CELESTIAL NAVIGATION see Navigation, CelestialCEMETERIES, NATIONAL

Plans unveiled for new (Quantic) cemetery. MarCor Gaz 62:2 Aug '78

Yesterday's heroes. (The Cambridge American Military Cemetery in England is a memorial to WW II servicemen) LtCol Alan G. Schreihofner. illus Airman 22:11-13 May '78

CENTRAL INTELLIGENCE AGENCY

Changing intelligence priorities. Harry F. Estace. illus charts tabs Elect Warfare/Def Elect 10:35+ Nov '78

The evolution of literature on United States Intelligence. David H. Hunter. Armed Forces & Soc 5:31-52 Fall '78

Imperial "reach": U.S. policy and the CIA in Chile. Morris Morley and Steven Smith. J Pol & Mil Sociol 5:203-216 Fall '77

Moscow's misinformation pays off. Edgar Ulsamer. illus AF Mag 61:88-90 Nov '78

CENTRAL TREATY ORGANIZATION

CENTO and U.S. Mideast policy. Gen T.R. Milton. Ret. AF Mag 61:21 Apr '78

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 61:87-92 Dec '78

'Nishan'---allies all. SP5 Timothy J. Dugan. illus Soldiers 33:16-18 May '78

CEREMONIES, MILITARY see Military Ceremonies, Honors and SalutesCHANNEL COMMAND see Allied Command ChannelCHAPELS AND CHURCHES

The Chapel Professional Program Support Branch NCOIC. TIG Brief 30:13 Apr 14 '78

CHAPLAINSAir Force--U. S.

The Air Force chaplain's role: Functioning in two institutions. Ch(Col) Mack C. Branham, Jr. illus AU Rev 29:49-53 Jul-Aug '78

The Chapel Professional Program Support Branch NCOIC. TIG Brief 30:13 Apr 14 '78

Circuit rider (Ch(Capt) Robert F. Johnston) serves remote Alaska sites. TSgt Joe Cardoza. illus AF Times 38:44 Mar 20 '78

Putting marriage in motion. (USAF chaplains encourage marriage enrichment programs) Maj Terry A. Arnold. illus Airman 22:11-16 Mar '78

Armed Forces--U. S.

Opening the doors to new religions. Interview. RADM John J. O'Connor. AF Times 39:1+ Oct 23 '78

Army--U. S.

'Up or out' system does not spare Chaplain Corps, either. Army 28:11-12 Jul '78

History

Fighting chaplains. Col John B. B. Trussell, Jr, Ret. illus Army 28:45-48 Sep '78

CHAPMAN, Robert E.

Directorate of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 12:28-29 Oct '78

Notes from the Director of Data Automation. BrigGen R. E. Chapman. AF Compt 12:30-31 Jul '78

CHARACTER GUIDANCE

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Donn Starry. Govt Exec 10:18-19 Jan '78

CHARBONNET, Pierre N., Jr

VADM Charbonnet has 'say' following retirement. RADM John B. Johnson. por Officer 54:13+ Nov '78

CHARITIES

(AF) community aid stays on track. AF Times 38:23 Apr 24 '78

CHARTER AIR SERVICE see Airlines--Nonscheduled OperationsCHARTS

See also
Aeronautical Charts

CHAYES, Antonia H.

The Air Force and environmental responsibility. (Remarks, New Haven Air Force Assoc, Conn, Oct 28, 1977) Antonia Handler Chayes. AF Pley Ltr for Comdrs: Sup No. 12:15-24 Dec '77

Chayes clarifies DOPMA views. AF Times 38:2 Jun 12 '78

CHAYES, Antonia H. - Continued

DOPMA's chances not good. Interview. Antonia H. Chayes. AF Times 38:2 Jun 5 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H. Chayes. AF Times 38:14-15 Jun 5 '78

Management implications of the Bakke case. (Remarks, Kelly Management Club, Kelly AFB, Tex, July 19, 1978) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 11:30-36 Nov '78

Military grievance procedures. (Statement, House Armed Services Committee, Subcommittee on Military Personnel, Washington, July 11, 1978) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 9:21-23 Sep '78

Quality of force issues. (Remarks, Air Force Worldwide Personnel Conference, Randolph AFB, Tex, Nov 16, 1977) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 2:9-12 Feb '78

What AF wants Congress to pass. (Testimony before the House Armed Services Subcommittee) Antonia Chayes. AF Times 38:2 Mar 13 '78

CHEMICAL-BIOLOGICAL WARFARESee also

Defoliation

The chemical equation (in Soviet Armed Forces). John Fullerton. illus Def & For Aff Dig 6, No. 12: 42-43 '78

Defense against chemical attack. 1stLt Austin Bay. illus Armor 87:40-45 May-Jun '78

Getting ready for chemical warfare. Maj J.L. Bilodeau and 2dLt J.P. Johnston. tab MarCor Gaz 62:16-18 Aug '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. illus MarCor Gaz 62:26-30 Mar '78

The neglected threat of chemical warfare. Amoretta M. Hoeber and Joseph D. Douglass, Jr. Intl Sec 3:55-82 Summer '78

Safety Measures

CD (Chemical Defense) man. Maj Davy M. Bass. illus TAC Attack 18:12-15 Jun '78

Defense against chemical attack. 1stLt Austin Bay. illus Armor 87:40-45 May-Jun '78

Study and Teaching

CBR: What are we waiting for? Lt Larry D. Gibbs. illus Infantry 68:28-31 Jul-Aug '78

CHEMICALS

Red rain (fire retardant). Capt Eugene J. Caisse. illus Aerosp Safety 34:10-11 Jul '78

CHILDREN, MILITARYSee also

Education (Dependents)

Army brats: Growing up Army style. SP5 Lana Ott. illus Soldiers 33:32-36 Nov '78

DYA (Dependent Youth Activities): More than kids. Janet Hake. illus Soldiers 33:43-46 Oct '78

CHILDREN, MILITARY - Continued

Helping the abuser is program's goal--most want to stop hurting their children, Kirtland Captain (James Larison) finds. AF Times 38:39 Jan 30 '78

Some slight duties because of children. Len Fiamiglietti. AF Times 39:2 Aug 14 '78

Tennessee Child Passenger Protection Act. TIG Brief 30:5 Mar 31 '78

CHILEEconomic Conditions

Imperial "reach": U.S. policy and the CIA in Chile. Morris Morley and Steven Smith. J Pol & Mil Sociol 5:203-216 Fall '77

Foreign RelationsArgentina

The high stakes of geopolitics in Tierra del Fuego. Stephen M. Gorman. illus tabs map Parameters 8: 45-56 Jun '78

Politics and Government

Imperial "reach": U.S. policy and the CIA in Chile. Morris Morley and Steven Smith. J Pol & Mil Sociol 5:203-216 Fall '77

Why the Armed Forces intervened in Chile. Col R. T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

CHINA (PEOPLE'S REPUBLIC)

Defense priorities in post-Mao Peking. Col John E. Coon. illus Parameters 7, No. 4:13-20 '77

An introduction to Chinese command, control and communications. CDR Bruce Swanson. illus map Signal 32:46-50+ May-Jun '78

Foreign Policy

China after Mao. Sultan Khan. illus Def & For Aff Dig 6, No. 3:16-18 '78

How to see in Chinese. Armed Forces J Intl 114: 13-14 Feb '77

Foreign RelationsKorea (Republic)

Chinese reactions to the U.S. withdrawal from Korea. Capt Richard M. Saunders. Parameters 8: 70-77 Sep '78

Russia

Behind the Sino-Soviet split. Col Robert D. Heinl, Jr, Ret. illus Sea Power 21:27-28 Dec '78

The Chinese Armed Forces and the Soviet Union. Brig Kenneth Hunt. illus NATO's Fifteen Nations 23:72-75+ Jun-Jul '78

United States

Chinese reactions to the U.S. withdrawal from Korea. Capt Richard M. Saunders. Parameters 8: 70-77 Sep '78

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No. 2:8-9+ '78

CHINA (PEOPLE'S REPUBLIC) - ContinuedHistory

China today. Brig F.W.Speed. Army Qtr pt 1, 107: 443-448 Oct '77; pt 2, 108:79-87 Jan '78

Politics and Government

China after Mao. Sultan Khan. illus Def & For Aff Dig 6, No.3:16-18 '78

China's "men on horseback": Military politics since the fall of the "Gang of Four." David Chambers. RUSI J for Def Studies 123:38-40+ Mar '78

Social Conditions

China: Cold hospitals, happy patients. Interview. BrigGen Claire Garrecht. illus AF Times 38: 47-48 Mar 6 '78

CHINA (REPUBLIC)Foreign RelationsUnited States

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

CHRONOLOGY

See also subdivision Chronology under specific subjects

CHURCHES see Chapels and Churches

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

A guide to military hybrid microcircuits. Bob Kromer and Mike Turner. Mil Elect/Countermeasures 4:56+ Jun '78

Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis. illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78

Integrated circuit failure modes. Howard K. Dicken. illus Elect Warfare/Def Elect 10:66-68 Oct '78

Mil-IC market: An endangered species? John D. Shea. tabs Elect Warfare/Def Elect 10:59-60+ Nov '78

The military/aerospace IC (Integrated Circuit) market, 1978. John D. Shea. tabs Mil Elect/Countermeasures 4:87-88 Apr '78

Military IC (Integrated Circuit) specification trends and highlights. Jim Martin and Jerry Streb. Mil Elect/Countermeasures 4:51-52 Apr '78

Military integrated circuits. tabs Mil Elect/Countermeasures 4:27+ Apr '78; Section A, Supplement. 4:60 May '78

Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 4:51+ Sep '78

Millimeter wave image guide integrated circuits. Yu-Wen Chang. illus Mil Elect/Countermeasures 4:34+ May '78

Performance monitoring of DCS international high value leased circuits. LtCols Raymond C. Smith and Gordon W. Arbogast. illus Signal 32:15+ Apr '78

CIRCUITS AND CIRCUITRY - Continued

256,000 bubbles. illus Mil Elect/Countermeasures 4:73+ Nov '78

VLSI (Very Large Scale Integrated) advances rad-hard technology. tabs Elect Warfare/Def Elect 10:115-116+ Sep '78

VLSI (Very-Large-Scale Integration) in military applications. Handel H. Jones and Doug Finch. illus tabs Mil Elect/Countermeasures 4:52-54+ Nov '78

CITIES AND TOWNSRussia

The Moscow Kremlin. L. Glushkova. illus Soviet Mil Rev No.4:14-16 Apr '78

United States

Attacking litter through the structure works. John A. Upton. illus Govt Exec 10:37-38+ Jun '78

Computerization solves Tampa Purchasing Department's problems. Karen L. Forbes. illus Govt Exec 10:34 Jan '78

A corporate approach to municipal securities. Gerald S. Schwartz. illus Govt Exec 10:40+ Dec '78

Form switch aids SF (San Francisco) assessor. Alfred Bacci and Vic Udalloff. Govt Exec 10:56 Feb '78

GSA (General Services Administration): Carter's new urban policy tool. Govt Exec 10:16+ May '78

HUD: The frustration of shifting to meet degrees of need. Interview, Patricia Roberts Harris. Govt Exec 10:29+ Mar '78

Helping the cities: Are the Feds taking the easy way? illus Govt Exec 10:18-19+ Nov '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

Los Angeles: The suburbs have found a city. John F. Judge. Govt Exec 10:14-17 Nov '78

New Orleans leases MTMC berths. illus Translog 9:16 May '78

History

The Philadelphia connection. (Marine BrigGen Smedley D. Butler serves as Director of Public Safety for Philadelphia, 1924-25, during Prohibition) Maj John C. Short, Jr. illus MarCor Gaz 62:57-63 Nov '78

CITIZENS BAND RADIO see Citizens Radio Service

CITIZENS RADIO SERVICE

Air Force use of Citizens Band (CB) radio service. TIG Brief 30:20 Jul 7 '78

COMSEC (COMMunications SECurity)/OPSEC (OPerations SECurity) education and CBs. TIG Brief 30:15 Oct 20 '78

Stop our "good buddy" ... before he destroys us. LtCol Dan Keenan, Ret. illus USA Avn Dig 24:27 Nov '78

CITIZENSHIP

INS (Immigration and Naturalization Service): Hundreds of illegal aliens enlist. AF Times 39:4 Sep 4 '78

CIVIC ACTION PROGRAMSee also

Defense Community Service Program

The 'colonels' down in Rio. (American airmen donate time and money to an orphanage) TSgt Ken Peterson. illus Airman 22:44-48 Mar '78

Writing the epilogue. (Aviano AB, Italy, sees good results from earthquake aid) Airman 22:49 May '78

CIVIL AERONAUTICS BOARD

CAB: 9.6B gallons of fuel for war. AF Times 38:27 Feb 20 '78

More fare cuts OK'd for domestic flights. AF Times 38:30 Jan 16 '78

CIVIL AIR PATROLUnited States

CAP's mission vital in peacetime. AF Times 39:41 Dec 4 '78

CIVIL DEFENSESee also

Evacuation, Civilian
Shelters

Great Britain

Home defence and the Armed Forces. Air Marshal Leslie Mavor. Ret. Royal Air Forces Qtr 18:263-265+ Autumn '78

Russia

Civil defense in Soviet and American strategy. Col William O. Staudenmaier. illus Mil Rev 58:2-14 Oct '78

Reactivating Soviet civil defense. John Fullerton. Def & For Aff Dig 6, No. 5:38-39 '78

Repeating history: The civil defense debate renewed. William H. Kincade. tabs Intl Sec 2:99-120 Winter '78

United States

Carter okays upgrading of civil defense. AF Times 39:3 Nov 27 '78

Civil defense in Soviet and American strategy. Col William O. Staudenmaier. illus Mil Rev 58:2-14 Oct '78

Civil defense reappears. David Harvey. illus Def & For Aff Dig 6, No. 12:40-41 '78

Mobilization for the apocalypse. Robert L. Goldich. illus Army 28:22-25+ May '78

The mythology of civil defense. Col John E. Bex. Officer 54:18 Nov '78

Repeating history: The civil defense debate renewed. William H. Kincade. tabs Intl Sec 2:99-120 Winter '78

CIVIL ENGINEERING

The BCE's role in Reserve readiness. LtCol James P. Penn. illus AF Engrg & Svcs Qtr 19:31-32 Aug '78

Base level management plan: A systematic approach to managing, analysis and problem solving. Maj Robert J. Courter, Jr. illus AF Engrg & Svcs Qtr 19:2-5+ May '78

CIVIL ENGINEERING - Continued

An era passes (with the retirement of the 12th Director of Engineering and Services, MajGen Robert C. Thompson). George K. Dimitroff. illus AF Engrg & Svcs Qtr 19:18-20+ Aug '78

MAC 'traces' energy costs. SSgt Tim Cunningham. AF Times 39:31 Sep 11 '78

Managing a utility shortage--techniques that worked. Col Richard B. Kent and Rufus R. McEuen. tabs AF Engrg & Svcs Qtr 19:26-29 Nov '78

O&M (Operation and Maintenance)--the heart of (Base) Civil Engineering. Maj James G. Zody and Martin M. Fritsch. illus tabs AF Engrg & Svcs Qtr 19:2-3+ Nov '78

Quality control--quality assurance for service contract surveillance. John J. Lieb and Capt David G. Beers. illus AF Engrg & Svcs Qtr 19:10-14 May '78

USAF's choice ... Prime BEEF. Capt Dick Sheffield. illus Airman 22:11-15 Apr '78

Vehicle management. Maj Roosevelt J. Lewis, Jr. illus AF Engrg & Svcs Qtr 19:23-25 May '78

White House, DOD debate future of new "home" for Corps of Engineers. Armed Forces J Intl 116:50-51 Dec '78

Costs

Techniques for financial management. LtCol Arthur T. Stellmach. illus tabs AF Engrg & Svcs Qtr 19:6-9 May '78

Study and Teaching

Civil Engineering School (AFIT) program. Col Oren G. Strom. illus AF Engrg & Svcs Qtr 19:3-6 Aug '78

Civilian education: A personal view/a need for a personal roadmap. Herbert C. Bohannon, Jr. illus AF Engrg & Svcs Qtr 19:25-28 Aug '78

Not under a shade tree (3770th Technical Training Gp, Sheppard AFB, Tex). Col Robert F. Darden, Jr. illus AF Engrg & Svcs Qtr 19:7-10 Aug '78

CIVIL RESERVE AIR FLEET

CAB: 9.6B gallons of fuel for war. AF Times 38:27 Feb 20 '78

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No. 1:48-70 '78

CIVIL RIGHTS

America's apparent Africa policy. illus Govt Exec 10:47-49+ Feb '78

Arms control and human rights. (Report of a seminar, Nov 2, 1977) Adam Raphael. RUSI J for Def Studies 123:3-10 Jun '78

Can South Africa handle "one man, one vote" ... once? illus map Govt Exec 10:30-33 Jan '78

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

Education: The long, sure road to desegregation. C.W. Borklund. illus Govt Exec 10:32+ May '78

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

CIVIL RIGHTS - Continued

Human rights and foreign policy: The relationship of theory and action. Maj William M. Martin, Jr. illus Parameters 8:30-40 Sep '78

Let's be sensible about Soviet-American trade. Donald Kendall. illus Govt Exec 10:32-33+ Nov '78

Moral imperialism: The newest look in U.S. international trade. illus Govt Exec 10:26+ Sep '78

Racist Army. Capt G. Nikolayev. Soviet Mil Rev No. 11:49-50+ Nov '78

Reconciling internal security and human rights. Mariano Grondona. illus Intl Sec 3:3-16 Summer '78

The truth about human rights. Col A. Leontyev. Soviet Mil Rev No. 7:8-10 Jul '78

Why Black development (in South Africa) will be separate or not at all. C.W. Borklund. illus Govt Exec 10:35-36+ Jul '78

Why does the U.S. advocate terrorism in Southern Africa? C.W. Borklund. illus map Govt Exec 10:35-36+ Mar '78

CIVIL SERVICESee also

Civilian Employees

CSC (Civil Service Commission) seeks to brighten work picture--more jobs for women. Randy Moore. AF Times 38:14 Feb 20 '78

Civilians await impact of flexitime. Randy Moore. AF Times 39:4 Oct 23 '78

DOD wants job protection for kin o'seas. AF Times 39:12 Aug 21 '78

Dual-comp ceiling seems assured. AF Times 39:6 Oct 16 '78

Fed jobs open to vets--help still available. AF Times 39:22 Aug 14 '78

Federal civil service reform. (Message to Congress, March 2, 1978) Pres Jimmy Carter. AF Plcy Ltr for Comdrs: Sup No. 5:33-38 May '78

New law (liberalizing the Veterans' Readjustment Appointment Authority) seen upping vet job-seekers. AF Times 39:36 Nov 27 '78

O'seas hiring opinion stalled; OK with AF. AF Times 38:33 Jun 5 '78

Q&A on civil service reform (provided by the U.S. Civil Service Commission). Review 58:32 Jul-Aug '78

Ruling hits overseas jobs for kin. Randy Moore. AF Times 38:1+ Jul 10 '78

CIVIL SUPREMACY OVER THE MILITARY see Military-Civil RelationsCIVIL WAR--U.S.

Close ranks and carry on. (Soldier life in the Civil War) illus Soldiers 33:46-49 Jul '78

Dixie devildogs (Confederate States Marine Corps). Col T.J. Saxon, Ret. illus MarCor Gaz 62:34-38 Jun '78

Fighting chaplains. Col John B. B. Trussell, Jr, Ret. illus Army 28:45-48 Sep '78

CIVIL WAR--U.S. - Continued

Redlegs in blue and gray. Capt Karl W. Volk. illus map Fld Arty J 46:34-37+ Jan-Feb '78

CIVILIAN EMPLOYEESSee also

Reduction in Force

Air Force--U.S.

(AF) career enhancement aimed at civilians. Randy Moore. AF Times 38:7 Apr 24 '78

AFLC program aimed at civilian drinkers. AF Times 38:12 Mar 6 '78

AF-wide impact ahead in over-40 bias case. AF Times 38:6 Apr 10 '78

Age 70 retirement ends for civilians. AF Times 38:10 May 8 '78

The Air Force civilian supervisor. TIG Brief 30:18 May 12 '78

Alcohol program aimed at (AF civilian) women shows progress. Randy Moore. AF Times 39:25 Dec 18 '78

Brighter career prospects for USAF's civilian employees. Ed Gates. AF Mag 61:73-76 Apr '78; AF Plcy Ltr for Comdrs: Sup No. 7:31-36 Jul '78

Certification of civilian position descriptions. TIG Brief 30:15 May 26 '78

Civilian disciplinary penalties. TIG Brief 30:15-16 Mar 3 '78

Civilian discipline and appeal activity. TIG Brief 30:11-12 Dec 1 '78

Civilian EO program gets boost (through a series of regional seminars and through formal instruction at Air University). AF Times 39:16 Sep 11 '78

Civilian standards (AFR 40-735). TIG Brief 30:19 Aug 4 '78

Civilian travel advice. AF Times 39:21 Aug 7 '78

Civilians needing help (with alcohol-related problems) seen increasing. AF Times 38:30 Feb 27 '78

Civilians will run clubs--plan to use NCOs dropped. Len Famigletti. AF Times 38:3 Apr 17 '78

Comstore career plan starts for moving civilians up. Randy Moore. illus AF Times 39:10 Sep 18 '78

Drug help focuses on women. AF Times 39:6 Aug 21 '78

Employee-Management Policy (AFR 40-701). TIG Brief 30:20 Aug 4 '78

Freeze may kill 1000 AF (civilian) jobs a month. AF Times 39:14 Nov 20 '78

Handicapped finding niche as employees. AF Times 38:32 Jul 24 '78

It's impossible to fire a civilian! TIG Brief 30:21 Apr 14 '78

The manager and labor relations. TIG Brief 30:14 Feb 17 '78

CIVILIAN EMPLOYEES - ContinuedAir Force--U.S. - Cont'd

Movin' on up. (Upward mobility program at Wright-Patterson AFB, Ohio, gives lower-grade GS civilians a chance to go into wage-grade jobs) Mike Pendrak and Capt Dick Sheffield. illus Airman 22: 41-43 Aug '78

New (AF) figures proving people can be fired. AF Times 38:4 May 1 '78

New accounting methods show more handicapped. AF Times 38:8 Jan 1 '78

New survey on alcohol abuse to ask, how much, how often? AF Times 39:23 Oct 2 '78

On their own. (Handicapped civilian employees) SMSgt Harold Newcomb. illus Airman 22:15-20 Oct '78

PEP (Performance Effectiveness Program) improves poor workers: Plan avoids harsh measures. Randy Moore. AF Times 38:8 Jan 1 '78

Plan aimed at people in dead-end jobs. Randy Moore. AF Times 38:14 May 15 '78

Policy on outpatient charges. Ron Sanders. AF Times 38:4 Apr 17 '78

Promoting military/civilian understanding--conference (First Air Force Workshop on an Informed Civilian Workforce) report makes suggestions. illus AF Times 38:4 Jan 16 '78

70 this summer? No need to retire. AF Times 38:13 Jul 3 '78

These are the messes civilians will run. AF Times 38:42 Jun 5 '78

Travel on military aircraft by civilian employees on TDY. TIG Brief 30:14 Jul 21 '78

A tribute to service. (Benjamin L. Cockrell receives the DOD Distinguished Civilian Service Award) illus Airman 22:34 Oct '78

Union-ATC dispute to be heard Aug 1. AF Times 38:19 Jun 5 '78

U.S. officials can inspect civilian work. AF Times 39:25 Jul 31 '78

Using lapse management in civilian personnel distribution--a SAC case study. Leland G. Jordan and 1stLt Frances J. Morris. tabs Def Mgt J 14: 36-39 May '78

Armed Forces--U.S.

Services told: Be ready to cut civilian forces. AF Times 39:8 Aug 14 '78

Temporary storage of household goods for civilian employees. TIG Brief 30:15 May 26 '78

Army--U.S.

DACs (Dept of the Army Civilians)--they fill the gap. Marian K. Singleton. illus Soldiers 33:16-19 Sep '78

DACs: Working 'hard and smart.' Ben B. Beeson. illus Army 28:94-97 Oct '78

Defense Dept--U.S.

Baggers win back wages. AF Times 38:24 May 15 '78

CIVILIAN EMPLOYEES - ContinuedDefense Dept--U.S. - Cont'd

Civilian employees take up hefty chunk of Defense budget. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:34 Oct '78

Civilian leave management. TIG Brief 30:21 Apr 14 '78

Federal civil service reform. (Message to Congress, March 2, 1978) Pres Jimmy Carter. AF Plcy Ltr for Comdrs: Sup No. 5:33-38 May '78

Freeing baggers from wage law. Andy Plattner. AF Times 38:4 Jul 24 '78

Hill wants civilians in TDY quarters. AF Times 39:38 Aug 21 '78

The impact of labor-management relations on Defense management. Carl W. Clewlow and David H. Green. illus tabs Def Mgt J 14:3-11 Mar '78

Services told: Be ready to cut civilian force. AF Times 39:8 Aug 14 '78

Use of manpower. (Excerpts from remarks before Senate Armed Services Committee, Washington, Feb 9, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:19-23 May '78

Navy--U.S.

Developing financial managers for the future. (Navy's centralized financial management trainee program) Richard J. Young. illus Armed Forces Compt 23:30-31 Feb '78

United States

Civilianize 50,000 jobs now--GAO. AF Times 39:10 Oct 23 '78

The communicator's role in reorganization. (Remarks, National Chapter of the National Assoc of Government Communicators, Washington, Dec 1, 1977) Alan K. Campbell. AF Plcy Ltr for Comdrs: Sup No. 1:29-36 Jan '78

Guide to encourage hiring of part-timers. AF Times 38:2 Jan 1 '78

Management implications of the Bakke case. (Remarks, Kelly Management Club, Kelly AFB, Tex, July 19, 1978) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 11:30-36 Nov '78

Many summer jobs now closed to kin. Randy Shoemaker. AF Times 38:10 Mar 6 '78

There is something new in position classification. Paul A. Katz. Def Mgt J 14:16-19 Sep '78

Salaries and Wages

Administration considers 'annual' retired COL hike. AF Times 38:4 Jan 30 '78

Average DOD civilian now earns 62% more than military counterpart. F. Clifton Berry, Jr. tabs Armed Forces J Intl 116:45 Mar '78

Baggers win back wages. AF Times 38:24 May 15 '78

Blowing the smoke away from the question of military vs civilian pay. F. Clifton Berry, Jr. tabs Armed Forces J Intl 115:14 Jul '78

COLA to be restored for 35,000 civilians. Randy Moore. AF Times 38:4 Jun 19 '78

CIVILIAN EMPLOYEES - ContinuedUnited States - Cont'dSalaries and Wages - Cont'd

'Cap' on raise seen; formula may change. AF Times 39:1+ Dec 18 '78

Committee (Advisory Committee on Federal Pay) urges 'cap' modification. Tom Philpott. AF Times 39:2 Sep 4 '78

Comstore's 2% fee put off again. AF Times 39:6 Sep 25 '78

Evidence needed for hazardous duty pay. AF Times 38:25 May 29 '78

Freeing baggers from wage law. Andy Plattner. AF Times 38:4 Jul 24 '78

GAO advice could hurt pay raises. AF Times 39:19 Aug 14 '78

Hill OKs 5.5% raise; no reallocation seen. Andy Plattner. AF Times 38:1+ May 29 '78

Improvements pushed in setting NAF pay scale. AF Times 38:22 Jan 1 '78

Japanese on U.S. rolls in Japan called overpaid. AF Times 38:21 Jun 26 '78

Library of Congress study (states) military 'pay' growth 'better than civilian.' AF Times 38:8 Jan 30 '78

Military salaries holding their own (against civilian incomes). AF Times 39:13 Nov 20 '78

New dual comp exempts some. AF Times 39:8 Nov 13 '78

Panel (President's Commission on Military Compensation): Cut tie to civil service pay increases. AF Times 38:6 Feb 6 '78

Panel rejects 'pay standard' used by CSC. AF Times 38:26 Feb 27 '78

Pay cap likely in '79. Tom Philpott. AF Times 39:1+ Nov 6 '78

Pay 'cap' urged on October raises. Randy Shoemaker. AF Times 38:4 Mar 27 '78

Pay schedule for Army civilian employees effective October 1, 1978. Table only. Soldiers 33:53 Nov '78

(Pres) Carter eyes 5.5 percent cap on raise. Randy Shoemaker. AF Times 38:4 Apr 10 '78

(Pres) Carter weighing pay cap in '79. Randy Shoemaker. AF Times 39:4 Jul 31 '78

Retiree pay limit not bad after all. AF Times 39:4 Sep 25 '78

6.5% pay boost seen for FY 78. Randy Shoemaker. AF Times 38:1+ Jan 30 '78

Union asks flat \$21 instead of cap. AF Times 38:6 May 8 '78

Variable pay raises gaining some favor. Tom Philpott. AF Times 39:1+ Dec 4 '78

Will '78 raise be 'capped'? Randy Shoemaker. AF Times 38:3 Jan 9 '78

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see Medicare

CLAIMSSee alsoLiability

Claims barred by the statute of limitations. TIG Brief 30:20 May 26 '78

Filing a CHAMPUS claim is easier than you think. illus MarCor Gaz 62:39-44 Sep '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

New CHAMPUS claim form coming. Richard Barnard. illus AF Times 39:34 Aug 28 '78

Protecting your personal property transportation claim. TIG Brief 30:17 Jun 23 '78

Sonic boom claims. TIG Brief 30:19 Aug 25 '78

Sonic boom claims. TIG Brief 30:15 Oct 20 '78

Tort claims illustrate a need for safety. TIG Brief 30:12 Mar 17 '78

CLASSIFICATION see Personnel Classification; Security Classification

CLAUSEWITZ, Karl von

Clausewitz and Jomini: A conceptual framework for the study of strategy. Capt Theodore A. Nitz. Educ J 20:40-43 Spring '78

The democratic Army and the nation-state. LtCol Andrew P. O'Meara, Jr. Parameters 8:35-44 Jun '78

CLAY, Lucius D., Jr

(Gen) Lucius Clay and the fate of Germany. John H. Backer. por Mil Engr 70:338-340 Sep-Oct '78

Gen Lucius D. Clay, 1897-1978. obit por AF Mag 61: 59 Jun '78

CLAYTOR, W. Graham, Jr

Claytor fires back; disputes new Defense strategy. L. Edgar Prina. Sea Power 21:30-32 Apr '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. Armed Forces J Intl 115:10 Apr '78

CLIMATE

Radar maintenance in damp climate conditions. Col V. Revuka. illus Soviet Mil Rev No. 9:26-27 Sep '78

Working in a hot climate. Col V. Mikhailov. illus Soviet Mil Rev No. 2:38-39 Feb '78

CLOSE AIR SUPPORT

The A-10 and fire support coordination. LtCol J. W. Philipp. illus Fld Arty J 46:30-33 Jan-Feb '78

AH-64: The U.S. Army's advanced attack helicopter. J. Philip Geddes. illus tabs Intl Def Rev 11, No. 8: 1247-1252 '78

The Air Force FAC (Forward Air Controller). LtCol David R. Hughes. illus TAC Attack 18:8-12 Aug '78

Air power at Kursk: A lesson for today? Capt Lonnie O. Ratley III. (Condensed from RUSI Journal for Defence Studies, June 1977) illus Mil Rev 58:54-62 Apr '78

CLOSE AIR SUPPORT - Continued

All Marines have a stake in the future of close air support. LtCol F.J. Breth. illus tabs MarCor Gaz 62:30-39 May '78

Beyond the no bomb line--fire support coordination for the 1980s. Capt Peter M. Ossorio. illus Mil Rev 58:72-76 Oct '78

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Cleared hot! Capt Wayne F. Conroy. illus TAC Attack 18:3-6 Aug '78

Combat support: Air. Maj L. Marsh. MarCor Gaz 62: 54-55 Jul '78

Engineering for survivability. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, pp 13-14, Fall '78

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

FIST (Fire Support Team). Capt Barry J. Robella. tabs illus Armor 87:15-17 Sep-Oct '78

Tactical airpower on the battlefield of tomorrow: The search for a mission. Charles J. Dick. tab RUSI J for Def Studies 123:42-45 Jun '78

Tank killer of the future (A-10). John Rhea. illus Natl Guardsman 32:14-16 Apr '78

Thinking "we." Gen William J. Evans. (Reprinted from EurArmy, May 1978) AF Pcly Ltr for Comdrs: Sup No. 8:9-11 Aug '78

V/STOL for close combat support. Robert G. Showers. illus tabs Natl Def 63:34-37 Sep-Oct '78

CLOTHINGSee also

Clothing, Protective
Personal Equipment
Uniforms

CLOTHING, PROTECTIVESee also

Helmets
Pressure Suits

CD (Chemical Defense) man. Maj Davy M. Bass. illus TAC Attack 18:12-15 Jun '78

Defense against chemical attack. 1stLt Austin Bay. illus Armor 87:40-45 May-Jun '78

Getting ready for chemical warfare. Maj J. L. Bilodeau and 2dLt J. P. Johnston. tab MarCor Gaz 62:16-18 Aug '78

Laser systems & hazards. Maj Jack A. Labo. illus TAC Attack 18:24-25 May '78

A letter to aircrews on life support equipment. TIG Brief 30:7 Aug 4 '78

Maintenance of the SRU-21/P survival vest. CW2 David P. Klindt. illus USA Avn Dig 24:17-19 Jun '78

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

Operational characteristics of liquid-conditioned suits. M. H. Harrison and A. J. Belyavin. illus tab Aviation, Space & Envmt Med 49:994-1003 Aug '78

CLOTHING, PROTECTIVE - Continued

Safety gear for bikers OK'd by (AF) Uniform Board. illus AF Times 38:10 Jul 24 '78

CLOTHING ALLOWANCES

Hill seeks better clothing pay plan. Ron Sanders. AF Times 39:2 Nov 13 '78

CLUBSSee also

Aero Clubs
Officers Clubs
Servicemen's Clubs

The Baltic Society. Donald Smythe. illus Army 28: 41-42 Feb '78

COAST GUARD

Admiral Hayes heads Coast Guard. illus Translog 9:18 Jun '78

Admiral (John B.) Hayes succeeds Siler as CG leader. illus Officer 54:14 Jul '78

Can the Coast Guard's new cutter cut it? LT Michael R. Adams. illus tab US Nav Inst Proc 104:99-101 Apr '78

Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. illus Armed Forces J Intl 115:12 May '78

Coast Guard from where I sit. ADM John B. Hayes. illus Def Trans J 34:22-24+ Dec '78

The Coast Guard goes to 'war': The Coasties play Elliot Ness in the battle against dope. Marianne Lester. illus AF Times, Times Magazine sup: 4-10 May 1 '78

The Coast Guard today. Interview. ADM John B. Hayes. illus Sea Power 21:10-16 Aug '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

The Coast Guardsmen and the Soviet defector (Simas Kudirka). illus AF Times, Times Magazine sup: 18-21 Mar 20 '78

Famous ships for the future fleet: Coast Guard WMECs take shape at Tacoma Boatbuilding. John Rhea. illus Sea Power 21:27-29 Nov '78

'Meeting the challenge': (Transportation Sec Brock) Adams issues FCZ (Fishery Conservation Zone) update. L. Edgar Prina. illus Sea Power 21:36-37 Apr '78

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

New Coast Guard Commandant (RADM John B. Hayes), Vice Commandant (RADM Robert H. Scarborough) named. illus Sea Power 21:12 Mar '78

The Norwegian Coast Guard. Eric Mandeville. US Nav Inst Proc 104:144-146 Nov '78

Planning and programming the budget in a multimission organization. VADM James S. Gracey. illus Def Mgt J 14:12-15 Sep '78

The SAR 33--first of the third generation of FPBs (ordered by the Turkish Coastguard). illus tab Intl Def Rev 11, No. 3:351-352 '78

COAST GUARD - Continued

The Siler years: Challenge & accomplishment--a story about today's Coast Guard. illus Def Trans J 34:21-22+ Apr '78

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. illus Officer 54:8 Jul '78

U.S. Coast Guard icebreaker support facility. CDR D.G. Langrock. illus US Nav Inst Proc 104:115-117 Oct '78

U.S. Coast Guard remote sensing techniques. LCDR Dennis R. Freezer. illus tab Signal 33:16-18+ Oct '78

COASTSUnited States

Offshore technology. Regular feature in issues of Military Engineer

COCHRAN, Jacqueline

Famed pilot says women shouldn't fight. Interview. Jackie Cochran. por AF Times, Times Magazine sup:18+ Jan 23 '78

COCKPITS see Airplanes--Cockpits; Airplanes, Military--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of Conduct

CODES see Cryptography

COEXISTENCE see International Relations

COLD

Pavements in cold regions. Robert A. Eaton. illus tab Mil Engr 70:106-108 Mar-Apr '78

Physiological Effects

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Dear doc: Some are weatherwise, some are otherwise. Col John H. Calvert, Jr. tab MAC Flyer 25:4-5 Nov '78

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

COLD WEATHER OPERATIONSSee also

Ski Troops

Aircraft icing. Maj Philip M. McAtee. illus Aerosp Safety 34:6-8 Nov '78

Arctic artillery. SSgt Rick Hayeland. illus Fld Arty J 46:72-75 May-Jun '78

Arctic knowledge. (Cold survival plan) illus Combat Crew 28:4-7+ Jan '78

Arctic shelters. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:16-18 Sep '78

Biathlon (cross-country skiing with rifle marksmanship) shoots ahead (at Camp Ripley, Minn). 1st Lt John L. Plaster. illus Soldiers 33:28-31 Jun '78

Blowing snow whiteouts. illus USA Avn Dig 24:24-27 Sep '78

COLD WEATHER OPERATIONS - Continued

'Can-do' won't do in Norway. Maj Sean Leach. illus MarCor Gaz 62:52-56 Sep '78

Can you survive? Escape & evasion in the winter. Capt Robert J. Fehrenback. illus Combat Crew 28:8-9 Oct '78

A cold regions tactical shelter. Stephen N. Flanders and Wayne Tobiasson. illus Mil Engr 70:332-333 Sep-Oct '78

Cold--very, very cold: Empire Glacier '78. Nanse Grady. illus Translog 9:2-5 Apr '78

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Deep Freeze '78. J. D. Murphy. illus Air Reservist 29:18 Mar '78

'Downed' pilots rescued (in) emergency mission (part of joint Readiness Command's Exercise Empire Glacier). Jay Finegan. illus AF Times 38:28 Feb 27 '78

51 hrs at 45 below. (An ejection following a mid-air over the wilds of Alaska) Capt Roy McDonald. (Reprinted from Interceptor, May 1966) Interceptor 20:12-15 Feb '78

Fix snow shovels. (The Army attacks winter, 1978) illus Army 28:20-22 Mar '78

Logistics in the Far North. William J. Haslem. illus Army Log 10:24-26 Mar-Apr '78

Man against nature: Exercise Arctic Express. Maj J. T. Kallunki. illus NATO's Fifteen Nations 23:65-68 Apr-May '78

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

Neither snow nor wind nor gloom of night... illus Air Reservist 30:12-14 Apr '78

Reinforcement operations in northern Norway. Charles Latour. illus NATO's Fifteen Nations 23:34-36+ Apr-May '78

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

Winter driving: Get ready. TIG Brief 30:13 Oct 6 '78

Winter weather. Capt Robert G. Bishop III. illus TAC Attack 18:4-5 Dec '78

Winter's a comin'. Maj Lionel P. Johnson. illus Interceptor 20:5-7 Sep '78

COLLENS, John W., III

Seeking energy independence. (Remarks, Kaskaskia Industrial Development Corp, Belleville, Ill, Oct 8, 1977) MajGen John W. Collens. AF Plcy Ltr for Comdrs: Sup No. 12:25-30 Dec '77

COLLINS, Arthur S., Jr

Canal defense ... in age of terrorism. LtGen Arthur Collins, Ret. Officer 54:20-22 Jan '78

Tactical command. LtGen Arthur S. Collins, Jr, Ret. por Parameters 8:78-86 Sep '78

COLLINS, Frank C., Jr

The shore intermediate maintenance activity concept in being. RADM F. C. Collins, Jr. por US Nav Inst Proc 104:108-110 Jul '78

COLOR

Paint is a magic medium. Gudmund Martinson. illus
AF Engrg & Svcs Qtr 19:14-15 Nov '78

Whiteout! MAC Flyer 25:14-15 Nov '78

Military Applications

Camouflage for battle survival. A.T.Sylvester II.
illus Natl Def 63:48-49+ Jul-Aug '78

COMBAT

Combat duty for women. LtGen Ira C.Eaker, Ret.
AF Times 38:17-18 Apr 10 '78

Famed pilot says women shouldn't fight. Interview.
Jackie Cochran. illus AF Times, Times Magazine
sup:18+ Jan 23 '78

Use of women as warriors threatens our society. Maj
G.R.Bettie. illus MarCor Gaz 62:45-51 Sep '78

Women in combat: Court test in 1977. illus Armed
Forces J Intl 114:8 Mar '77

Equipment

CEGE's (Combat Equipment Group Europe) got it all!
Steve Abbott. illus Soldiers 33:49-51 Nov '78

Study and Teaching

Classroom on call. (Fort Hood's Mobile Learning
Center) SP4 Billy Shepherd. illus Soldiers 33:32
Oct '78

Combat training theaters. Ann Mulligan. illus Armor
87:46-48 May-Jun '78

Leading to confidence. 1stSgt Walter D.Stock. illus
Infantry 68:20-26 May-Jun '78

Realtrain: A critique. Paul R.Bleda. illus tabs Army
28:34-37 Nov '78

COMBAT CONTROL CENTERS

This term is used to include organizations whose
missions are like: Tactical Air Control Centers,
Tactical Control Centers, Combat Operations
Centers, Combat Information Centers.

C3--the essential ingredient to air defense. Dan
Boyle. illus maps Intl Def Rev 11, No.6:860-
864 '78

COMBAT EVALUATION

See also subdivision under specific subjects,
e.g.,

Airplanes, Fighter--Combat Evaluation
Airplanes, Military--Combat Evaluation
Helicopters, Military--Combat Evaluation
Rifles--Combat Evaluation

The survival of tanks in battle. Maj D.E.King. illus
tab RUSI J for Def Studies 123:26-31 Mar '78

COMBAT INFORMATION see Intelligence, Military

COMBAT READINESS

See also

Operational Readiness

ATM (Aircrew Training Manuals): A better way to
train. Capt Ronald Cox. USA Avn Dig 24:28-30
Aug '78

America's secret weapon (industrial order of battle).
Norman R.Augustine. illus Natl Def 62:558-560+
May-Jun '78

COMBAT READINESS - Continued

Army acquisition policy and national security. LtGen
Howard H.Cooksey, Ret. tabs Army Log 10:2-5
Jan-Feb '78

Army Aviation--"getting ready." BrigGen Charles E.
Canedy. illus tabs USA Avn Dig 24:1-3+ Aug '78

The Army's Reserve Components: Ready for what?
Capt John T.Fishel. illus tabs Mil Rev 58:22-35
Nov '78

The BCE's role in Reserve readiness. LtCol James
P.Penn. illus AF Engrg & Svcs Qtr 19:31-32
Aug '78

Blue Flag: Building the battle staffs. Bonner Day.
illus AF Mag 61:140-145 Sep '78

The bottom line. Capt Clyde B.Phillips. illus USAF
Ftr Wpns Rev, pp 20-25, Winter '77

Can Reserve units be ready on time? Col Irving Hey-
mont, Ret. illus Army 28:23-26 Mar '78

A case of theory versus reality in combat service
support. Maj Edward L.House, Jr. MarCor Gaz
62:15 Jan '78

Combined arms weak links. Col Sidney S.Haszard,
Ret. illus Natl Def 62:553-555+ May-Jun '78

Command credibility problems. Lewis Sorley.
Armed Forces J Intl 116:18-20 Dec '78

Developing a better combat service support system
for the Marine Corps. Col Paul E.Wilson, Ret.
illus MarCor Gaz 62:39-46 Jan '78

Drones keep F-4 pilots combat-tuned. Luisa C.Bai-
ley. illus AF Times 38:50 Jul 24 '78

Dual roles 'unique, compatible.' MajGen Emmett H.
Walker, Jr. illus Army 28:78-80 Oct '78

EW: The unique weapon. Terry E.Bibbens. illus Sig-
nal 32:18-23 Mar '78

Electronic warfare training for reality. BrigGen
David E.Rippetoe, Jr. illus Signal 32:42-45
Mar '78

Force readiness key to meeting crisis demands. Gen
Bernard W.Rogers. illus Army 28:22-25 Oct '78

Girding for the long haul. Gen Lew Allen, Jr. illus
AF Mag 61:52-54+ Nov '78

The guns of III Corps (Artillery). SSgt John Savard.
illus Soldiers 33:45-47 Mar '78

King's men: FIST (Fire Support Team). Capt William
J.Lennox, Jr. illus Infantry 68:29-30 Jan-Feb '78

King's men: Myth and reality. Col Albert G.Wolf-
gang. illus Infantry 68:25-28 Jan-Feb '78

Maintenance management and combat readiness.
CAPT Carol A.Nelson. illus US Nav Inst Proc 104:
103-105 Jul '78

Maximum readiness for the training dollar. Col Rob-
ert E.Leard. illus Fld Arty J 46:42-44 Nov-
Dec '78

NATO and the neutron bomb--and conventional war in
Europe? tabs Def Monitor 7: entire issue Jun '78

NATO principles of logistics and U.S. readiness: A
changing environment. LtGen Joseph M.Heiser,
Jr, Ret. illus map Def Mgt J 14:18-23 Mar '78

NATO readiness--frank talk at last. F.Clifton Berry,
Jr. Armed Forces J Intl 114:24 Mar '77

COMBAT READINESS - Continued

NATO's dispersal capability--a fatal flaw? WgComdr Peter P.W. Taylor. illus Royal Air Forces Qtr pt 1, 18:11-17 Spring '78; pt 2, 18:173-178 Summer '78

Naval strategy: The C³ connection. VADM Robert Y. Kaufman. illus Signal 32:7-8+ Jan '78

'Nishan'--allies all. SP5 Timothy J. Dugan. illus Soldiers 33:16-18 May '78

Operation Redoubt--'That's the key.' TSgt Weldon C. McCafferty. illus Air Reservist 30:14-15 Aug '78

Our Army and society. Clifford L. Alexander, Jr. illus Army 28:20-21 Oct '78

Planning realistic field training (for Army Aviation personnel). illus USA Avn Dig 24:42-45 Feb '78

Readiness--a matter of cost. MajGen Richard A. Miller. illus Natl Guardsman 32:1+ Jan '78

Readiness and freedom. (Remarks, Air Force Sergeants Assoc International Convention, San Antonio, Tex, Aug 20, 1978) Gen John W. Roberts. AF Ploy Ltr for Comdrs: Sup No. 11:23-29 Nov '78

Readiness and training realism. TIG Brief 30:9-10 Jan 20 '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Ploy Ltr for Comdrs: Sup No. 9:11-20 Sep '78

Readiness in transportation. TIG Brief 30:15 Feb 3 '78

'Readiness now' best insurance for national security. Gen David C. Jones. illus Officer 54:17-19 Dec '78

Readiness: Project Checkmate. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Sep '78

The real thing--almost. (Innovative ideas, new training doctrine and the latest technology) Steve Stromvall. illus Soldiers 33:9-11 Feb '78

Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels. illus Air Reservist 29:14-15 Dec '77-Jan '78

Red Flag: Realism on the range. John Joss. illus AF Mag 61:40-44 Aug '78

Relative combat power. Maj Ralph G. Rosenberg. illus Mil Rev 58:56-67 Mar '78

Reliability improvement warranties and combat readiness. Gen Bryce Poe II. TIG Brief 30:1 Mar 3 '78

Risk versus reality. Maj Lawrence E. Waggy. illus tabs Aerosp Safety 34:2-4 Mar '78

'A road map to readiness for the future.' illus Air Reservist 29:16-17 Feb '78

Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61:28-35 Feb '78

Support troops in combat operations in Europe. Maj Edward A. Corcoran. illus tabs Army Log 10:18-23 Jan-Feb '78

COMBAT READINESS - Continued

Task masters. (Army Training and Evaluation Program (ARTEP)) Steve Abbott. illus Soldiers 33:12-18 Feb '78

Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78

War reserves--stockpiles for defense. Steven Roman. illus tab Army Log 10:26-29 Jan-Feb '78

Study and Teaching

Assessing combat readiness at Fort Bragg. (Army Training and Evaluation Program, ARTEP) illus Army 28:42-43 May '78

Battle staff: Fine tuning. TIG Brief 30:12 Jul 7 '78

COMBAT SUPPORT OF THE ARMY

Arm, fuel, and maintain forward--logistics impact of the Division Restructuring Study. Maj Daniel M. Smith. illus Army Log 10:2-7 Mar-Apr '78

The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78

Combat support. Everett D. Greinke. illus tab Signal 33:23-24+ Nov-Dec '78

A combined arms ARTEP--it's not impossible. Maj William E. Tyson. illus Fld Arty J 46:16-20 Sep-Oct '78

Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78

A "dozer" that flies? William R. Barwick. illus USA Avn Dig 24:24-25 Jul '78

Effective fire support--a balanced combined arms team. LtCol Carl S. Taylor. illus Fld Arty J 46:29-31+ May-Jun '78

Forward support. Col Robert W. Fisher and A. David Mills. illus tabs Armor 87:20-24 Mar-Apr '78

How effective is our "team"? Col Henry R. O'Neil. illus Fld Arty J 46:10-13 Sep-Oct '78

The need for offensive ground combat operations. Maj John P. Rose. illus Air Def Mag, pp 18-20, Apr-Jun '78

Outline for support. Capt Edward M.A. Fergusson. illus Army Log 10:6-10 May-Jun '78

Protecting the rear areas. Capt Charles R. Heatherly. illus Army Log 10:30-34 Sep-Oct '78

Rear area security with an "elastic FEBA." LtCol Moorad Mooradian. illus Mil Rev 58:43-49 Sep '78

Support troops in combat operations in Europe. Maj Edward A. Corcoran. illus tabs Army Log 10:18-23 Jan-Feb '78

The TALO (Tactical Airlift Liaison Officer): MAC's man in the Army. LtCol Curtis W. Rosler and Maj Don O. Christian. illus MAC Flyer 25:10-11 Aug '78

The U.S. Army combat support vehicle--light armoured reconnaissance vehicle or superjeep? Hasso Erb. illus tab Intl Def Rev 11, No. 6:917-920 '78

Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78

War reserves--stockpiles for defense. Steven Roman. illus tab Army Log 10:26-29 Jan-Feb '78

COMBAT SURVEILLANCE *see* SurveillanceCOMBINED FORCES

This term applies to the forces among two or more allied countries. For information on forces of one country only *see* Joint Forces.

See also

North American Air Defense Command

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only *see* Joint Operations.

See also specific exercises and/or operations by name

Autumn Forge 78/Reforger. illus USA Avn Dig 24:7 Nov '78

'Dutch treat ...' Air Guard style. TSgt Janet Wright. illus Air Reservist 29:12-13+ Feb '78

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 23:92-93+ Oct-Nov '78

Exercise report: The Northern Wedding. illus NATO's Fifteen Nations 23:90-91 Oct-Nov '78

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

Team Spirit '78. (US and Republic of Korea hold defensive exercise) SMSgt Harold Newcomb. illus Airman 22:43-48 Sep '78

Two NATO exercises (Ocean Safari and Avon Express). Comdr Chris Elliot. illus NATO's Fifteen Nations 22:114-121 Dec '77-Jan '78

Wings over windmills. Ed Mack Miller. illus AF Mag 61:39-43 Jan '78

COMMANDSee also

Leadership

Assault company. Maj Barry R. McCaffrey. illus Infantry 68:15-17 Mar-Apr '78

A commander takes a decision. Col A. Akimov. illus Soviet Mil Rev No. 10:26-28 Oct '78

The four intuitive skills of command. Ch(LtCol) Harold L. Alexander. (Reprinted from Army, Aug 1977) MarCor Gaz 62:20-22 Sep '78

How to slow down the train. LtCol Michael T. Plummer. illus Mil Rev 58:17-24 Jan '78

The Infantry platoon leader. Capts Jeffrey K. Beatty and James A. Hales. illus tab Infantry 68:22-27 Nov-Dec '78

Overcoming 'company grade mentality.' LtCol Jerry W. Betts. illus Army Log 10:30-32 Mar-Apr '78

Pilot in command. LtCol Charles L. Pocock, Jr. illus Aerosp Safety 34:23-24 Oct '78

Tactical command. LtGen Arthur S. Collins, Jr. Ret. illus Parameters 8:78-86 Sep '78

COMMAND AND CONTROL SYSTEMSSee also

Combat Control Centers

National Military Command System

Worldwide Military Command and Control System

Achieving NATO's standardization objectives. William E. Stoney. Signal 32:78-80 Aug '78

COMMAND AND CONTROL SYSTEMS - Continued

Air and space C³. illus Mil Elect/Countermeasures 4:73+ Apr '78

Air defense role for C³ simulator. illus Mil Elect/Countermeasures 4:32+ Nov '78

Army command, control and communications (C³) system planning. P.J. Kenny. illus tabs Signal 32: 16-19 Jul '78

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No. 8:1275-1276 '78

Banking and C³--a study in similarities. Herbert A. Schulke, Jr. illus Signal 32:27-31 Jul '78

C³ and EW in the Navy. CAPT Albert A. Gallotta, Jr. illus tab Mil Elect/Countermeasures 4:67-69 Apr '78

C³ architecture and interoperability. (Convention panel, AFCEA, Washington, June 20-22, 1978) Col Thomas H. Thompson and others. illus Signal 32:67-83 Aug '78

C³ as a force multiplier--rhetoric or reality? I. Cassandra. illus Armed Forces J Intl 115: 16-18 Jan '78

C³: Key challenges face military planners. James Fawcette. illus tabs Elect Warfare/Def Elect 10: 57-58+ Jun '78

C³ systems: The efficiency connection. (Speech, 39th Military Operations Research Society Symposium, U.S. Naval Academy, Annapolis, June 29, 1977) MajGen Jasper A. Welch, Jr. AF Ploy Ltr for Comdrs; Sup No. 12:30-38 Dec '77

C³--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No. 6:860-864 '78

C³I: An overview. Gerald P. Dinneen. illus Signal 33: 10-13 Nov-Dec '78

Combat support. Everett D. Greinke. illus tab Signal 33:23-24+ Nov-Dec '78

Command and Control Communications Requirements Board (C³RB). TIQ Brief 30:16 May 12 '78

Communication interoperability in the NATO environment. LtCol Jack Hartog. Signal 32:86-88 Aug '78

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

Defining military command and control automation requirements. S. John Gorton. illus Intl Def Rev 11, No. 1:48-50 '78

E-3A enhancements. MajGen George W. Rutter. illus Signal 33:9-12+ Oct '78

EW: The unique weapon. Terry E. Bibbens. illus Signal 32:18-23 Mar '78

The Eglin (AFB, Fla) real-time computer system. George C. Suydan. illus Def Sys Mgt Rev 1:54-58 Summer '78

How ULMS (Unit Level Message Switch) will serve the Commander. LtCol R. Saenz. MarCor Gaz 62: 54-55 Mar '78

COMMAND AND CONTROL SYSTEMS - Continued

(Importance of communications and electronics to our Armed Forces) (Industrial luncheon address, AFCEA Convention, Washington, June 20-22, 1978) Charles W. Duncan, Jr. illus Signal 32:44-45 Aug '78

In NATO communications (Rationalization, Standardization, Interoperability) RSI=NICS (NATO Integrated Communication System) concept at all levels. BrigGen T. Baroni, Ret. Signal 33:19-20+ Sep '78

An introduction to Chinese command, control and communications. CDR Bruce Swanson. illus map Signal 32:46-50+ May-Jun '78

JTIDS (Joint Tactical Information Distribution System) to hand off airborne missiles. illus Elect Warfare/Def Elect 10:56-57 Feb '78

Keeping the morning calm. (1st Signal Brigade in Korea) Col James L. Young. illus Signal 32:52-56+ Feb '78

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. illus tabs Signal 32:67-70+ May-Jun '78

Modern air defense. Col H.J. Braune. illus Aerosp Intl 14:4-6+ Jun-Jul '78

Naval strategy: The C³ connection. VADM Robert Y. Kaufman. illus Signal 32:7-8+ Jan '78

Navy C²--an evolution. ADM Robert Long. illus Signal 32:22-25 Aug '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Welsner. chart map illus Signal 32: 7-11 Feb '78

Shoot ... move ... communicate. Eric C. Ludvigsen. illus Army 28:30-34 Apr '78

Strategic and theater command and control systems. John Morgenstern. illus Signal 33:50-51+ Nov-Dec '78

Strategic C³: The satellite arena--20 years after Sputnik. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 115:18-23+ Feb '78

TACAMO (TAke Charge And Move Out). Kent M. Black and Andrew G. Lindstrom. illus Signal 33: 6-9+ Sep '78

TACOPS (Tactical Air Combat Operations Staff) information system. Maj Jerald D. Briscoe. AF Compt 12:42 Jul '78

Tactical C³: Bringing order out of chaos. F. Clifton Berry, Jr. illus tab Armed Forces J Intl 115: 13-20+ Apr '78

Tactical C³ in the Infantry. illus Mil Elect/Counter-measures 4:79-80 Apr '78

Tactical C³: The modern challenge. LtGen Robert T. Marsh. illus Signal 33:14-17 Sep '78

Tactical C³: The modernization challenge. (Remarks, Washington Chapter, Armed Forces Communications and Electronics Assoc, Washington, April 6, 1978) LtGen Robert T. Marsh. AF Ploy Ltr for Comdrs: Sup No. 7:8-14 Jul '78

COMMAND AND CONTROL SYSTEMS - Continued

Tactical communications for the future. (Convention panel, AFCEA Convention, Washington, June 20-22, 1978) Dale Milford and others. illus Signal 32:84-98 Aug '78

Traveling tent show. (USAF maintains mobile units in Germany for tactical air control) SMSgt Harold Newcomb. illus Airman 22:32-38 Feb '78

Trends in tactical command and control. LTJG Dennis Lambell. illus US Nav Inst Proc 104:99-103 Feb '78

Understanding command and control. Col Kenneth L. Moll. illus Def & For Aff Dig pt 1, 6, No. 6:41+ '78; pt 2, 6, No. 7:34-35+ '78

U.S. command and control communications in Japan, now and tomorrow. LtGen George G. Loving, Jr. illus Signal 32:12-14+ Feb '78

United States military communications in the Philippines. Col William P. Drugan. maps illus Signal 32:44-51 Feb '78

Wavell: Tactical C³ for the British Army. R.B. Pengelly. illus Intl Def Rev 11, No. 5:737-738 '78

COMMAND AND GENERAL STAFF COLLEGE

Fort Apache or executive suite? The U.S. Army enters the 1980's. LtCol Donald B. Vought, Ret and Capt John C. Binkley. illus Parameters 8: 21-34 Jun '78

COMMAND POSTSSee also

National Emergency Airborne Command Posts

(New telephone switching system for command posts) Signal 33:82 Oct '78

TACAMO (TAke Charge And Move Out). Kent M. Black and Andrew G. Lindstrom. illus Signal 33: 6-9+ Sep '78

COMMANDING OFFICERS

Career counseling: Commander/supervisor responsibility. TIG Brief 30:4 Jun 23 '78

Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78

Commander ascertains mission. Col A. Akimov. illus Soviet Mil Rev No. 3:17-18 Mar '78

The commander's authority. LtCol M. Chachukh. illus Soviet Mil Rev No. 10:39-40 Oct '78

Commander's role in controlling logistics. ColGen I. Golushko. Soviet Mil Rev No. 9:12-14 Sep '78

Commander's role in the nuclear security program. TIG Brief 30:21 Apr 28 '78

Commanders: Their care and feeding. (Remarks, Judge Advocate General School, Maxwell AFB, Ala, March 20, 1978) Gen William G. Moore, Jr. AF Ploy Ltr for Comdrs: Sup No. 10:22-27 Oct '78

The four intuitive skills of command. Ch(LtCol) Harold L. Alexander. (Reprinted from Army, Aug 1977) MarCor Gaz 62:20-22 Sep '78

GAO report on justice system: Lessen commanders' role in proceedings. AF Times 39:10 Nov 20 '78

COMMANDING OFFICERS - Continued

Navigators in command: A naval perspective. Maj Michael E. Richardson. illus tab AU Rev 29:56-64 Jan-Feb '78

Operational Squadron Commander's checklist. TIG Brief 30:19-21 Nov 17 '78

Prejudice or fact? A perspective from the PPPA (Prejudiced Pilots' Protective Assoc). illus AU Rev 29:65-69 Jan-Feb '78

Tactical command. LtGen Arthur S. Collins, Jr, Ret. illus Parameters 8:78-86 Sep '78

COMMANDOSSee also

Air Commandos

Gutting it out: If they weren't SEALs, they'd be climbing Mount Everest. (SEa-Air-Land infiltration reconnaissance teams, the Navy's commandos) Fred Reed. illus AF Times, Times Magazine sup:6-12 Sep 4 '78

COMMANDSSee also

Unified Commands

also specific commands by name, e. g., Strategic Air Command

Is military Space Command likely? Bruce Callander. AF Times 39:34-35 Nov 20 '78

Needed: A USAF Support Command. LtCol Norman H. Runge. AU Rev 29:73-75 May-Jun '78

Directories

(Army commands) Army 28:109-111 Oct '78

COMMENDATIONS see Awards, Decorations, etc.

COMMERCE

Israeli-South African trade: An analysis of recent developments. Maj Gerald J. Keller. Nav War Col Rev 30:74-80 Spring '78

Management and international trade. MajGen Robert D. Terry, Ret. illus Signal 32:45-48 Jul '78

Soviet Bloc borrowing from the West: Prospects and implications. Penelope Hartland-Thunberg. illus tabs Strat Rev 6:55-63 Winter '78

U.S. Life Lines: Data and statistics, observations and conclusions. James D. Hessman and Ellen D. Bottiny. tabs illus Sea Power 21:31-34 Sep '78

France

Is France a paper tiger--or an elusive wildcat? Michel Theoval. illus Armed Forces J Intl 116: 22-23+ Nov '78

Why France's arms exports make it a paper tiger. Beau Morris. illus Armed Forces J Intl 116:19+ Oct '78

Great Britain

Britain's military exports: A vital transfusion. John Fullerton. illus Def & For Aff Dig 6, No. 5: 17-20+ '78

COMMERCE - ContinuedRussia

Equality, cooperation, mutual advantage. (Soviet trade relations with the developing countries) (Interview with I. T. Grishin) Soviet Mil Rev No. 6: 44-45 Jun '78

Soviet nuclear exports. Gloria Duffy. tab chart Intl Sec 3:83-111 Summer '78

United States

American policy and the trade-growth struggle. Robert O. Keohane. Intl Sec 3:20-43 Fall '78

Anti-boycott legislation: A classic example of government acting before thought. C. W. Borklund. Govt Exec 10:41-47 Oct '78

Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78

Food as a component of national defense strategy. Maj Jack A. Le Cuyer. illus Parameters 7, No. 4:56-70 '77

How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

Let's be sensible about Soviet-American trade. Donald Kendall. illus Govt Exec 10:32-33+ Nov '78

Moral imperialism: The newest look in U.S. international trade. illus Govt Exec 10:26+ Sep '78

New threats confront aerospace industry. Bonner Day. illus tabs AF Mag 61:70-74 Jun '78

The outlook for imported energy. Warren E. Burch. illus tabs Log Spectrum 12:11-15 Spring '78

Tax incentives for exports: "Havens for the privileged few?" C. W. Borklund. illus Govt Exec 10:48+ Nov '78

Technology transfer: More rope or which rope? Robert D. Schmidt. Govt Exec 10:18-19+ Dec '78

Technology transfer: We're still selling them the rope. J. Fred Bucy. illus Govt Exec 10:37+ Sep '78

The West's jugular vein: Arab oil. Bridget Gail. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

Why won't government face the crisis (in U.S. international trade)? C. W. Borklund. illus tab Govt Exec 10:10+ Sep '78

COMMERCE DEPT

Why won't government face the crisis (in U.S. international trade)? C. W. Borklund. illus tab Govt Exec 10:10+ Sep '78

COMMISSARIESAir Force - U. S.

The Air Force goes to market. Capt M. Patricia Holden. illus Airman 22:11-15 Jul '78

Commissary management: Tips to improve service and customer satisfaction. TIG Brief 30:4 Jul 7 '78

Commissary survey reflects significant savings. illus Review 58:28 Jul-Aug '78

COMMISSARIES - ContinuedAir Force--U.S. - Cont'd

Comstore at March (AFB, Calif) saves shoppers 22%. illus tab AF Times 39:8 Aug 7 '78

Comstore career plan starts for moving civilians up. Randy Moore. illus AF Times 39:10 Sep 18 '78

Continued funds for stores seen. AF Times 39:19 Oct 2 '78

Fairchild (AFB, Wash) comstore offers 30% savings. tab AF Times 39:33 Sep 4 '78

'Marketbasket' at Nellis (AFB, Nev) saves \$33. AF Times 38:29 Apr 10 '78

Minot (AFB, Mont) shopping test: Saving 26.5 percent. tab AF Times 39:32 Sep 11 '78

On-base store shoppers still have edge. AF Times 38:43 Mar 20 '78

\$150M slated to build, fix-up commissaries. AF Times 38:2 Jan 9 '78

Patrick (AFB, Fla) store survey shows 24 percent savings. tab AF Times 39:40 Sep 18 '78

Some supermarket items cost less--comstore survey (at Beale AFB, Calif). tabs AF Times 39:30 Oct 9 '78

Stores save customers about 25 percent. AF Times 39:10 Jul 31 '78

Armed Forces--U.S.

Baggers win back wages. AF Times 38:24 May 15 '78

The changing commissaries. Nancy Tucker. illus AF Times, Times Magazine sup:10-16 Aug 7 '78

Comstore's 2% fee put off again. AF Times 39:6 Sep 25 '78

Conferees OK comstore funds. Andy Plattner. AF Times 39:1+ Oct 16 '78

Debate starting on joint stores. AF Times 38:6 Jan 1 '78

Delay to pay baggers saves \$\$--for now. AF Times 39:2 Aug 7 '78

Freeing baggers from wage law. Andy Plattner. AF Times 38:4 Jul 24 '78

It looks like baggers will be getting wages. AF Times 38:7 Mar 27 '78

Kill store \$\$, Aspin advises. Interview. Les Aspin. AF Times 38:16 Jun 26 '78

A pursuit of excellence in commissaries. Dave Karten. illus Review 58:12-14+ Sep-Oct '78

Senate defeats attack on pensions, comstores. AF Times 38:3 May 8 '78

'Stable' beef prices seen at comstores. AF Times 38:42 Jun 5 '78

Store merge studied. AF Times 39:25 Dec 11 '78

Stores will add 2 percent for baggers. Rick Barnard. AF Times 38:2 Feb 13 '78

"Working together to make it better." (ALA Western Regional Conference, San Francisco, March 20-21, 1978) Glenn Flood. illus Review 57:16+ May-Jun '78

COMMISSARIES - ContinuedArmed Forces--U.S. - Cont'dStatistics

Market report: Commissary sales--CY 76 vs CY 77. Tables only. Review 57:26+ May-Jun '78

COMMISSIONS, MILITARY

AF opposes freeze on PA commissions. Ron Sanders. AF Times 39:2 Aug 21 '78

A commission in today's military. (Remarks, VPI/SU ROTC Commissioning Ceremony, Blacksburg, Va, June 9, 1978) MajGen Larry M. Killpack. AF Plcy Ltr for Comdrs: Sup No. 9:24-30 Sep '78

Commissions (in Biomedical Sciences Corps) for PAs. AF Times 38:2 Feb 20 '78

Officer chances: A mixed reaction; airmen surveyed. AF Times 38:33 Mar 20 '78

PA aspirants need 60 college hours. Ron Sanders. AF Times 38:2 Feb 27 '78

Statistics

183 ROTC graduates get AF commissions. tab AF Times 39:30 Oct 16 '78

2443 named for Reg AF. AF Times 38:12+ Jun 26 '78

COMMUNICATIONS (GENERAL)

Circulating petitions (without permission) still spells trouble. Tom Philpott. AF Times 38:2 Apr 17 '78

Communication channels ... upward! TIG Brief 30:3 Mar 3 '78

The communications barrier of nonstandardized logistics terminology. Col Fred Gluck, Ret. illus tab Def Mgt J 14:18-20 Jul '78

Communications hobble pay panel (President's Commission on Military Compensation). AF Times 38:3 Jan 30 '78

Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78

"Hitting the ground running." (Remarks, ROTC Cadet Corps Dining-Out, Alabama State University, Montgomery, April 22, 1978) Col T.C. Hall. AF Plcy Ltr for Comdrs: Sup No. 7:24-30 Jul '78

In the heads of the listeners: Principles of communication. (Address, Louisiana Trial Lawyers Assoc, New Orleans, Sep 9, 1977) Waldo W. Braden. (Reprinted from Vital Speeches, Nov 1, 1977) Educ J 20:6-8 Spring '78

Monitoring the government/industry "partnership." LtCol W.R. Montgomery. Def Sys Mgt Rev 1:28-36 Autumn '78

Program managers: Keep your Contract Administration Officers (CAOs) informed. TIG Brief 30:22 Jun 23 '78

COMMUNICATIONS, MILITARYSee also

Intercommunications Systems
Liaison
Radio Communications

Combat support: Communications. Maj B.V. Fountain. illus MarCor Gaz 62:53-54 Jul '78

COMMUNICATIONS, MILITARY - Continued

Communications and crisis actions. BrigGen Charles E. Williams, Jr, Ret. illus maps tab AU Rev 29; 2-8 Mar-Apr '78

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

ELF (Extremely Low Frequency)--an essential communications system. Dan Boyle. illus maps Intl Def Rev 11, No. 7:1149-1151 '78

Guard communicates well. Gerald H. Smith. illus Air Reservist 30:6-7 Aug '78

An introduction to Chinese command, control and communications. CDR Bruce Swanson. illus map Signal 32:46-50+ May-Jun '78

Logistics, communications, and readiness. Gen Bryce Poe II. (Reprinted from Command, Control and Communications Newsletter, Oct 15, 1978) AF Ploy Ltr for Comdrs: Sup No. 11:20-22 Nov '78

Navy C²--an evolution. ADM Robert Long. illus Signal 32:22-25 Aug '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

(Prototype laser communications system) Signal 33: 98 Nov-Dec '78

Send-A-Message (SAM). WO1 Gary W. Helmer. illus tab USA Avn Dig 24:20-22 Jul '78

'Zogging.' ACM David Lee. illus Royal Air Forces Qtr 18:133-138 Summer '78

History

(Actions of different fighting arms of the Soviet Navy) on the enemy's sea communications (during the Great Patriotic War, 1941-45). Capt G. Ammon. illus map Soviet Mil Rev No. 6:8-11 Jun '78

Security

Anti-jam communications: The spread spectrum solution. G. S. Sundaram. illus Intl Def Rev 11, No. 3:433-434 '78

COMSEC (COMmunications SECurity)/OPSEC (OPerations SECurity) education and CBs. TIG Brief 30:15 Oct 20 '78

Communications in a jam. Col Vincent Dambraskas. illus Signal 32:6-8 Mar '78

COMmunications SECurity (COMSEC) measures. TIG Brief 30:20 Jul 7 '78

Information systems. Col Perry R. Nuhn. illus Signal 33:32-35 Nov-Dec '78

Naval communications in NATO--still some gaps. R. D. Boyle. illus Intl Def Rev 11, No. 4:515-519 '78 (New digital, secure facsimile using AUTODIN) Signal 33:72 Sep '78

Shoot ... move ... communicate. Eric C. Ludvigsen. illus Army 28:30-34 Apr '78

Silent came the strangers. (USAF Security Service holds a test at Luke AFB, Ariz) SSgt Mike Laughlin. illus Airman 22:2-6 Feb '78

TACAMO (TAke Charge And Move Out). Kent M. Black and Andrew G. Lindstrom. illus Signal 33: 6-9+ Sep '78

COMMUNICATIONS, MILITARY - ContinuedStudy and Teaching

Complex signal systems challenge the teachers. William D. Ketner. illus Army 28:38-39+ Apr '78

COMMUNICATIONS EQUIPMENTSee also

Radar Equipment
Radio Equipment

AUTODIN via high frequency radio. Maj William A. Barry and G. A. Clapp. illus Signal 32:55-59 Jan '78

Countermeasures and communications from Thomson-CSF. G. S. Sundaram. illus Intl Def Rev 11, No. 4:569-572 '78

Israeli electronics: Hawk links and laser guidance. illus Elect Warfare/Def Elect 10:91-95 Jan '78

Program communications support program: A valuable planning document. TIG Brief 30:11 Jul 21 '78

Send-A-Message (SAM). WO1 Gary W. Helmer. illus tab USA Avn Dig 24:20-22 Jul '78

Exhibitions

AFCEA '78. Dan Boyle. illus Intl Def Rev 11, No. 7: 1108-1112 '78

Communications 78 (Birmingham, Eng. April 4-7, 1978)--military aspects. illus Intl Def Rev 11, No. 5:774-776 '78

Maintenance and Repair

Communications-electronics: Logistics Support Plans (LSPs). TIG Brief 30:8 Aug 4 '78

On-line performance monitor for communications systems. Robert A. Rexroad. illus Signal 32:61-64 Jan '78

Survivability

Communications in a jam. Col Vincent Dambraskas. illus Signal 32:6-8 Mar '78

Strategic and theater command and control systems. John Morgenstern. illus Signal 33:50-51+ Nov-Dec '78

TRI-TAC considerations of electronic warfare. Frank S. Gutleber and Loren Diedrichsen. illus Signal 32:52+ Mar '78

COMMUNICATIONS SYSTEMSSee also

Distant Early Warning Systems
Radio Communications
Space Communications

Communications and crisis actions. BrigGen Charles E. Williams, Jr, Ret. illus maps tab AU Rev 29; 2-8 Mar-Apr '78

Telecommunication systems survivability. Nicholas T. Lampos. illus Elect Warfare/Def Elect 10:97-98+ Jan '78

Middle East

International Aeradio: Diversification and growth. Derek Wood. illus Interavia 33:44-46 Jan '78

COMMUNICATIONS SYSTEMS - ContinuedNATO

In NATO communications (Rationalization, Standardization, Interoperability) RSI=NICS (NATO Integrated Communication System) concept at all levels. BrigGen T. Baroni, Ret. Signal 33:19-20+ Sep '78

Interoperability of U.S.-NATO communications. Maj Jimmie L. Pedersen. illus Signal 32:31-34 Apr '78

NATO Gibraltar-Lisbon tropo system. Frank Caramelli. illus Signal 32:6-8 Apr '78

Pacific Region

Pacific common carrier communications systems. Robert E. Conn. illus map tabs Signal 32:35-39 Feb '78

United States

American Satellite dedicated government network continues rapid expansion. BrigGen H.R. Johnson, Ret. illus map Signal 32:42-45+ Jan '78

Banking and C³--a study in similarities. Herbert A. Schulke, Jr. illus Signal 32:27-31 Jul '78

(Changing telecommunications technologies) (Keynote luncheon address, AFCEA Convention, Washington, June 20-22, 1978) Sen Harrison Schmitt. illus Signal 32:17-19 Aug '78

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

Managing a nationwide telephone network. John D. Braid. illus Signal 32:10-13 Jul '78

Telecommunications policy formation post OTP (Office of Telecommunications Policy). Thomas J. Houser. illus Signal 32:26-28 Jan '78

USAF information engineering: 1990 plus. Maj Jerry C. Hix. tab AU Rev 29:58-65 Mar-Apr '78

Word processing and telecommunications: A marriage of convenience. Daniel J. Norton. illus Signal 32:76-78+ May-Jun '78

Testing

On-line performance monitor for communications systems. Robert A. Rexroad. illus Signal 32:61-64 Jan '78

COMMUNICATIONS SYSTEMS, MILITARYSee also

Automatic Digital Network
Command and Control Systems
Defense Communications System
Space Communications
Tactical Communications
Warning Systems

Anti-jam communications: The spread spectrum solution. G.S. Sundaram. illus Intl Def Rev 11, No. 3:433-434 '78

C³ systems: The efficiency connection. (Speech, 39th Military Operations Research Society Symposium, U.S. Naval Academy, Annapolis, June 29, 1977) MajGen Jasper A. Welch, Jr. AF Ploy Ltr for Comdrs; Sup No. 12:30-38 Dec '77

C³--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No. 6:860-864 '78

COMMUNICATIONS SYSTEMS, MILITARY - Continued

Communication interoperability in the NATO environment. LtCol Jack Hartog. Signal 32:86-88 Aug '78

A revolution in tactical data reporting. R.B. Pengelley. illus Intl Def Rev 11, No. 4:614-616 '78

Tactical C³: Bringing order out of chaos. F. Clifton Berry, Jr. illus tab Armed Forces J Intl 115: 13-20+ Apr '78

Australia

DISCON--the Australian Defence Integrated Secure Communications Network for the 1980's. I.H. Magge. illus map tabs Signal 32:21-25 Feb '78

France

Countermeasures and communications from Thomson-CSF. G.S. Sundaram. illus Intl Def Rev 11, No. 4:569-572 '78

Great Britain

Wavell: Tactical C³ for the British Army. R.B. Pengelley. illus Intl Def Rev 11, No. 5:737-738 '78

Japan

U.S. command and control communications in Japan, now and tomorrow. LtGen George G. Loving, Jr. illus Signal 32:12-14+ Feb '78

Korea (Republic)

Keeping the morning calm. (1st Signal Brigade in Korea) Col James L. Young. illus Signal 32:52-56+ Feb '78

NATO

EW and NATO communications. A. Nejat Ince. illus maps tabs Signal 32:66-73 Mar '78

Naval communications in NATO--still some gaps. R.D. Boyle. illus Intl Def Rev 11, No. 4:515-519 '78

Philippines (Republic)

United States military communications in the Philippines. Col William P. Drugan. maps illus Signal 32:44-51 Feb '78

Thailand

Transportable communications: Are they really the answer? LtCol Monroe J. Taranto. illus map tabs Signal 33:41-43 Sep '78

United States

Air and space C³. illus Mil Elect/Countermeasures 4:73+ Apr '78

Applications for airborne digital communications. Nicholas P. Janus and others. illus Signal 33:23-29 Sep '78

Are you using all your communications resources? TIG Brief 30:9 Nov 17 '78

Army command, control and communications (C³) system planning. P.J. Kenny. illus tabs Signal 32: 16-19 Jul '78

C³ and EW in the Navy. CAPT Albert A. Gallotta, Jr. illus tab Mil Elect/Countermeasures 4:67-69 Apr '78

C³ architecture and interoperability. (Convention panel, AFCEA, Washington, June 20-22, 1978) Col Thomas H. Thompson and others. illus Signal 32:67-83 Aug '78

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedUnited States - Cont'd

- C³: Key challenges face military planners. James Fawcette. illus tabs Elect Warfare/Def Elect 10: 57-58+ Jun '78
- The chemistry of communications. (Remarks, a symposium on the effect of the ionosphere on space systems and communications, Washington, Jan 25, 1978) F. Robert Naka. AF Plcy Ltr for Comdrs: Sup No.3:19-23 Mar '78
- Communicating out of the AOA by the LF. Majs W.F. Barry and G.P. Griscuolo. MarCor Gaz 62:56-57 Mar '78
- Communications ... a vital link (for firefighters)! Capt Regina McGuinness. illus Air Reservist 29: 6-7 Dec '77-Jan '78
- Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal
- JTIDS: A major effort towards jam-resistant, secure communications. illus Interavia 33:1042-1046 Nov '78
- A lifeline for Lester (Wash). Capt Ronald Mikulski. illus Air Reservist 29:16-17 Mar '78
- Shoot ... move ... communicate. Eric C. Ludvigsen. illus Army 28:30-34 Apr '78
- TACAMO (TAKE Charge And Move Out). Kent M. Black and Andrew G. Lindstrom. illus Signal 33: 6-9+ Sep '78
- Tactical C³ in the Infantry. illus Mil Elect/Countermeasures 4:79-80 Apr '78
- Telephone system management. TIG Brief 30:7-9 Nov 17 '78

COMMUNISM

- The popular masses--decisive force in war. Col N. Kulikov. Soviet Mil Rev No.3:9-11 Mar '78
- Why does the U.S. advocate terrorism in Southern Africa? C.W. Borklund. illus map Govt Exec 10: 35-36+ Mar '78

Countermeasures

- Nonduty travel to Communist-controlled countries. TIG Brief 30:9 Apr 14 '78

Africa

- The liberation struggle in the context of détente. Col Ye. Dolgoplov. Soviet Mil Rev No.3:52-54 Mar '78

Asia, Eastern

- The reshaping of Asia: Reflections on changing alignments. E. Stuart Kirby. RUSI J for Def Studies 122:25-31 Dec '77

Chile

- Why the Armed Forces intervened in Chile. Col R.T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

China (People's Republic)

- China today. Brig F.W. Speed. Army Qtr pt 1, 107: 443-448 Oct '77; pt 2, 108:79-87 Jan '78

Europe

- The eagle in Europe. John Fullerton. Def & For Aff Dig 6, No.2:18-19 '78

COMMUNISM - ContinuedEurope, Western

- Eurocommunism. Gen T.R. Milton. Ret. AF Mag 61:37 Jan '78
- Eurocommunism, a pseudo-phenomenon. Angelo M. Codevilla. illus Strat Rev 6:62-70 Fall '78
- Eurocommunism: A rope for the West? John Biggs-Davison. NATO's Fifteen Nations 22:32-33+ Oct-Nov '77
- Eurocommunism: Its stakes and risks. K. Robert Nilsson. illus Parameters 7, No.4:35-45 '77

Russia

- Economic system of advanced socialism. O. Mikhailov. illus Soviet Mil Rev No.8:9-12 Aug '78
- Economic victory of socialism. Col N. Komarov. illus Soviet Mil Rev No.4:8-10+ Apr '78
- Leading and guiding force of Soviet society. Capt A. Skrylnik. Soviet Mil Rev No.3:2-5 Mar '78
- Marxist-Leninist doctrine on war and the Army. ColGen G.V. Sredin. illus Soviet Mil Rev No.1: 18-21+ Jan '78
- Mighty weapon of the Party. Gen A. Yepishev. illus Soviet Mil Rev No.7:2-6 Jul '78
- Moral potential of the Soviet Army. VAdm A. Sorokin. illus Soviet Mil Rev No.4:2-5 Apr '78
- Peaceful coexistence--the bidding of our times. V. Korionov. Soviet Mil Rev No.2:47-49 Feb '78
- The political system of developed socialism. LtCol F. Seyranyan. illus Soviet Mil Rev No.9:6-8 Sep '78
- Reliable reserve of the Communist Party (All-Union Young Communist League). Col N. Nikolayev. illus Soviet Mil Rev No.10:15-20 Oct '78

- Soviet education and the military. LtCol Gaines D. Hendrix. illus Mil Rev 58:19-27 Dec '78
- The truth about human rights. Col A. Leontyev. Soviet Mil Rev No.7:8-10 Jul '78

History

- Birth of a revolutionary party. (2d Congress of the Russian Social-Democratic Labour Party, July-Aug 1903) Col A. Zvenzlovsky. Soviet Mil Rev No.6:38-40 Jun '78
- Guardian of peaceful labour, bulwark of universal peace. Gen I. Pavlovsky. illus Soviet Mil Rev No.1:2-7 Jan '78
- The October Revolution and the national-liberation movement. A. Iskenderov. illus Soviet Mil Rev No.10:8-10 Oct '78
- Union of equal republics. V. Borisov. illus Soviet Mil Rev No.5:5-7 May '78
- V.I. Lenin--leader in the defence of the Socialist Motherland. MajGen N. Pankratov. illus Soviet Mil Rev No.10:2-5 Oct '78

Vietnam (Democratic Republic)

- Vietnam on the upgrade. A. Mineyev. Soviet Mil Rev No.7:53-54 Jul '78

COMMUNISM - ContinuedWarsaw Pact

Fraternal alliance of the socialist countries. ColGen A. Dementyev. illus Soviet Mil Rev No. 5:2-4 May '78

Yugoslavia

After Tito--what? Col Robert D. Heinl, Jr, Ret. illus Sea Power 21:28-29 Apr '78

COMMUNITY COLLEGE OF THE AIR FORCE

Community College graduates 724. AF Times 39:25+ Aug 14 '78

Lost records of training. TIG Brief 30:22 Oct 6 '78

Sheppard (AFB, Tex) courses 'mastered' for civilians. AF Times 38:45 Mar 6 '78

Three NCO leadership schools now eligible for CCAF credit. AF Times 39:8 Aug 7 '78

Updating personnel records: It's not too early. TIG Brief 30:4 Jul 21 '78

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

(AF) community aid stays on track. AF Times 38:23 Apr 24 '78

The AICUZ (Air Installation Compatible Use Zone) program at Dobbins AFB (Ga). Col John H. Smith. illus AF Engrg & Svcs Qtr 19:34-37 Feb '78

Speaking to the public: A responsibility we all share. TIG Brief 30:21 Sep 8 '78

COMPASSES

Coping with the compass. Capt Michael R. McNeill. illus Combat Crew 28:22-23 Mar '78

COMPTROLLER GENERAL OF THE UNITED STATES
see General Accounting OfficeCOMPTROLLERS

Comptroller activities at major commands: Hq Air Force Systems Command. BrigGen C.T. Spangrud. illus tabs AF Compt 12:4-7 Oct '78

Comptroller activities at major commands: Military Airlift Command. Col Kenneth D. Leuthold and Capt Reinaldo Morales. illus AF Compt 12:42-45 Jan '78

Comptroller activities at major commands: Pacific Air Forces. Col Norris W. Overton. illus tab AF Compt 12:6-10 Jul '78

Comptroller branch functions--an intersection of events. Capt R. Fitzsimmons. illus AF Compt 12:14-15+ Oct '78

Comptroller support of contingency exercises. Capt John A. Candioglos. illus Army Log 10:6-9 Sep-Oct '78

Farewell Lt General (Charles E.) Buckingham (who retires as Comptroller of the Air Force, July 1, 1978). AF Compt 12:2 Jul '78

(Honoring the military and civilian women assigned to Air Force comptroller offices) illus AF Compt 12:6-28 Jan '78

COMPTROLLERS - Continued

How goes it? A status/progress report of the Alaskan Air Command (Comptroller). Col R.R. Ridolfi. illus map AF Compt 12:8-11 Apr '78

The new Comptroller of the Air Force, Lt General Hans H. Driessnack. AF Compt 12:3 Jul '78

Notes from the Comptroller Plans Group. Col R.A. Gazzola. illus AF Compt 12:11+ Jul '78

Notes from the Director of Budget (women analysts in the Directorate of Budget). MajGen Hans H. Driessnack. illus AF Compt 12:6-7 Jan '78

Notes from the Palace Dollar team. Maj Ben Lester. illus tabs AF Compt 12:23+ Apr '78

Notes from the Palace Dollar team. Capt Gary G. Payne. illus tabs AF Compt 12:38-39 Jan '78

Notes from the Palace Dollar team: What lies ahead. Capt Al Yanik. illus tabs AF Compt 12:38-39 Jul '78

Outstanding comptrollers: Maj General Scurlock wins AFA's Distinguished Award for Management. illus AF Compt 12: back cover Oct '78

Resource management (in the 379th Bomb Wing). Maj Jerry N. Steelman. illus AF Compt 12:12-13 Apr '78

Worldwide Comptroller Executive Session, Headquarters Air Force Systems Command, Andrews AFB, Md, June 27-29, 1978. AF Compt 12:8 Oct '78

Directories

(Comptroller organization chart--U.S. Air Force-wide) illus chart AF Compt 12:24-25 Oct '78

Key comptroller people by (Air Force) bases & major commands. Table only. AF Compt 12:30-35 Oct '78

Education and Training

ESD's (Electronic Systems Division) business management program. Peter T. Macy. illus tab AF Compt 12:16-18 Oct '78

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col John A. Humphries, Jr. AF Compt 12:29 Jan '78

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col John A. Humphries, Jr. illus AF Compt 12:36 Apr '78

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col J.A. Humphries, Jr. illus tabs AF Compt 12:32-33 Jul '78

Notes from the Comptroller Plans Group. Col R.A. Gazzola. illus AF Compt 12:11+ Jul '78

Notes from the Director of the Professional Military Comptroller School (Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus AF Compt 12:40-41 Jan '78

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala). Capt Frank Machovec. illus AF Compt 12:38-40 Apr '78

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Effective leadership in financial management. LtCol Joseph A. Pucci. illus tab AF Compt 12:34-36 Jul '78

COMPTROLLERS - ContinuedEducation and Training - Cont'd

Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Analysis--the basis for sound decisions. Maj Bernard J. Schneider. illus tab AF Compt 12:42-44 Oct '78

3780 Technical Training Group. Col John A. Humphries, Jr. illus chart AF Compt 12:38+ Oct '78

Why it pays to attend the PMC School (Air University, Maxwell AFB, Ala). Steve Canton. AF Compt 12:40-41 Oct '78

COMPUTER PROGRAMMING

Computer program deficiency reporting. TIG Brief 30:11 Mar 31 '78

Computer systems in the Navy. Richard Edwin Fryer. illus tab Def Sys Mgt Rev 1:40-46 Summer '78

Federal government software conversion. Paul Oliver. illus Def Sys Mgt Rev 1:1-15 Summer '78

Flying computer programmers. Capt Geoffrey R. Thompson. illus Aerosp Safety 34:5-7 Mar '78

Microprogrammed emulation helps solve difficult design problems. Kenneth J. Thurber. illus tabs Elect Warfare/Def Elect 10:93-95+ Mar '78

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

Reducing software management risks. Ruth M. Davis. illus Def Sys Mgt Rev 1:16-23 Summer '78

Software acquisition within Air Force Systems Command--a management approach. LtCol John J. Marciniak. illus tab Def Sys Mgt Rev 1:32-39 Summer '78

Software configuration management testability and traceability. Harvey Tzudiker. illus Def Sys Mgt Rev 1:24-31 Summer '78

Software quality and productivity. B.M. Knight. illus tabs Def Sys Mgt Rev 1:54-65 Autumn '78

Software reliability by design: A critical need. W.J. Willoughby. illus Def Sys Mgt Rev 1:59-70 Summer '78

Terminology

High order language: Pascal variants vie for DOD-1. illus Mil Elect/Countermeasures 4:28+ Jul '78

COMPUTERS

Computer installation protection. TIG Brief 30:7 Sep 22 '78

Dynamic decision management. Robert A. Eidson. illus Signal 32:40-42 Jul '78

The software dependent project. Howard L. Yudkin. illus Signal 32:33-35 Jul '78

Aeronautical Applications

Crouzet--looking to the future with SV2. Dan Boyle. illus Interavia 33:558-560 Jun '78

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

COMPUTERS - ContinuedAeronautical Applications - Cont'd

Systems safety of the future--pride, preoccupation, and programming. Maj Michael F. Rundle. illus Interceptor 20:16-18 Jul '78

Business Applications

The Advanced Logistics System: An idea whose time had not quite arrived. CAPT Stephen R. Ruth. illus Def Mgt J 14:35-39 Mar '78

Banking and C³--a study in similarities. Herbert A. Schulke, Jr. illus Signal 32:27-31 Jul '78

Computers in airline service: An ever-widening range of applications. Peter Tallon. illus tabs Interavia 33:507-512 Jun '78

A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78

Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

Characteristics

Microprogrammed emulation helps solve difficult design problems. Kenneth J. Thurber. illus tabs Elect Warfare/Def Elect 10:93-95+ Mar '78

Communication Applications

Information systems. Col Perry R. Nuhn. illus Signal 33:32-35 Nov-Dec '78

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. illus tabs Signal 32:67-70+ May-Jun '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

On-line performance monitor for communications systems. Robert A. Rexroad. illus Signal 32:61-64 Jan '78

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Welsner. chart map illus Signal 32:7-11 Feb '78

A revolution in tactical data reporting. R.B. Pengelley. illus Intl Def Rev 11, No. 4:614-616 '78

Wavell: Tactical C³ for the British Army. R.B. Pengelley. illus Intl Def Rev 11, No. 5:737-738 '78

Cooperative Use

The MAJCOM computer network: A demonstration of cost effective multiple command support. Col F.D. Richards. illus AF Compt 12:16-17+ Apr '78

Educational Applications

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

How the computer can help you. Capt Michael J. Mages. illus tabs Educ J 20:16-19 Spring '78

Teachers, technology & tradition: The cost cutting adjustment. illus Govt Exec 10:12+ Aug '78

COMPUTERS - ContinuedEnergy Conservation Applications

A first at Fort Eustis (VA). Translog 9: inside front cover Sep '78

MAC 'traces' energy costs. SSgt Tim Cunningham. AF Times 39:31 Sep 11 '78

Engineering Applications

A user-oriented management information system. LtCol Bruce M. Cowan and Maj Richard E. Mayo. tab Mil Engr 70:111-113 Mar-Apr '78

Errors

How good are maintenance data? John F. Stanhagen, Jr. tab Log Spectrum 12:57-60 Spring '78

Government Applications

ADP reorganization: Enough criticism for everybody. Govt Exec 10:50 Dec '78

Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78

Computerization solves Tampa Purchasing Department's problems. Karen L. Forbes. illus Govt Exec 10:34 Jan '78

Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78

Data processing productivity: LA County's simple measure. illus tabs Govt Exec 10:48-50 Mar '78

Federal government software conversion. Paul Oliver. illus Def Sys Mgt Rev 1:1-15 Summer '78

More zip for better budgets. M. Scott Downing. tabs Govt Exec 10:20-22+ Jan '78

The quiet revolution in responsibility for government expenditures. Donald L. Scantlebury. illus Armed Forces Compt 23:4-6 Nov '78

Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

Military Applications

ACMR (Air Combat Maneuvering Range): The closest thing to dogfighting. Capt R.K. Ferguson. illus Aerosp Intl 14:38+ Apr-May '78

The Advanced Logistics System: An idea whose time had not quite arrived. CAPT Stephen R. Ruth. illus Def Mgt J 14:35-39 Mar '78

The aerial observer team and TACFIRE. Maj Gary N. Grubb. illus USA Avn Dig 24:12-14 Aug '78

Automated operation with human control--a key feature of Patriot. LtCol Eugene Naegle, Ret. illus tab Air Def Mag, pp 17-23, Jul-Sep '78

Bates--Britain's second-generation computerized artillery control system. illus Intl Def Rev 11, No. 2:256 '78

COMPASS (Computerized Movement Planning And Status System)--pointing the way to mobility readiness. SSgt Anthony Smialek. illus Army Log 10: 14-16 Sep-Oct '78

Calculators and the field artillery mission. Capt Thomas H. Barfield. illus Fld Arty J 46:20-24 Mar-Apr '78

COMPUTERS - ContinuedMilitary Applications - Cont'd

Computer systems in the Navy. Richard Edwin Fryer. illus tab Def Sys Mgt Rev 1:40-46 Summer '78

Computer to halt illegal use of IDs for health care. Richard C. Barnard. AF Times 38:9 Apr 10 '78

Computer to provide up-to-date job data. Len Famiglietti. AF Times 38:6 Mar 20 '78

Computers join the war games. Janet Hake. illus Soldiers 33:49-51 Feb '78

Contractor financial data and analysis at your fingertips. Josephus O. Parr. illus tab Def Mgt J 14: 42-45 Jul '78

Defining military command and control automation requirements. S. John Gorton. illus Intl Def Rev 11, No. 1:48-50 '78

The Eglin (AFB, Fla) real-time computer system. George C. Suydan. illus Def Sys Mgt Rev 1:54-58 Summer '78

The First Team and TACFIRE (TACTical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

Flying computer programmers. Capt Geoffrey R. Thompson. illus Aerosp Safety 34:5-7 Mar '78

Hand-held calculator. Capt Robert L. Brotzman. illus USAF Ftr Wpns Rev, pp 30-33, Fall '78

Harnessing the software revolution to meet Navy needs. James S. Campbell. illus tabs Def Mgt J 14:16-23 May '78

JUMPS brings pay data to base level. Randy Moore. AF Times 38:4 Mar 27 '78

The MAJCOM computer network: A demonstration of cost effective multiple command support. Col F.D. Richards. illus AF Compt 12:16-17+ Apr '78

Microcomputers and the Navy. CDR Timothy J. Keen, Ret and others. illus US Nav Inst Proc 104:58-65 Aug '78

Military pay uses computers and satellites. TIG Brief 30:20 Aug 25 '78

A modest proposal for management by major weapon system. 1stLt James D. Cook. tabs Def Mgt J 14: 19-26 Jan '78

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

A new generation of field artillery computing systems. LtCol J. J. Cooke, Ret. illus Intl Def Rev 11, No. 3:393-395 '78

Nuclear Safety Cross-Check Analysis (NSCCA). TIG Brief 30:5 Dec 15 '78

On managing computer operations in the Department of Defense. Joseph P. Welsch. illus Def Mgt J 14: 24-27 Mar '78

PRC speeding up computer development. tab Elect Warfare/Def Elect 10:71-72 Aug '78

Software management on Joint Service programs: A major management challenge. TIG Brief 30:21 Aug 25 '78

COMPUTERS - ContinuedMilitary Applications - Cont'd

Software spoken here. Maj Charles E. Stephens. illus Air Def Mag, pp 21-25, Apr-Jun '78

Tactical C3: The modern challenge. LtGen Robert T. Marsh. illus Signal 33:14-17 Sep '78

Tactical computers: Technology insertion. Don J. Lemke. illus Mil Elect/Countermeasures 4:34+ Jul '78

Turning problems into success: The saga of Navy's standard computer (Sperry Univac UYK-20). F. Clifton Berry, Jr. Armed Forces J Intl 115:9 Apr '78

256,000 bubbles. illus Mil Elect/Countermeasures 4:73+ Nov '78

USAF information engineering: 1990 plus. Maj Jerry C. Hix. tab AU Rev 29:58-65 Mar-Apr '78

War games and computers in TRADOC. William Oliver Hedgepeth. illus Mil Rev 58:26-32 Jul '78

Navigational Applications

Computer guidance for the cruise missile. Charles DeVore. illus Signal 32:66-69 Jan '78

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

Personnel Applications

Computer to halt illegal use of IDs for health care. Richard C. Barnard. AF Times 38:9 Apr 10 '78

Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78

HRIS (Human Resources Information System): Systematically matching the right person to the right position. Torrey S. Whitman and Albert C. Hyde. illus tabs Def Mgt J 14:28-34 Mar '78

Headhunter II (skills inventory). LtCol Charles Merrill. illus Air Reservist 29:6 Feb '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

New (computer) coding to provide more officer file input (at Military Personnel Center). AF Times 38:4 May 15 '78

Scientific Applications

Environmental services support to DOD. Col Robert M. Pfeiffer. illus map Signal 32:30-34+ Jan '78

Security Measures

Information security problems in Automatic Data Processing (ADP) security. TIG Brief 30:19 Jan 6 '78

Simulation Programs

Computer Aided Operations Research Facility (CAORF). (Surface ship simulator) CDR John E. Manning. illus US Nav Inst Proc 104:113-115 Jan '78

Energy productivity--a major Air Force initiative to light the way. (BEAP, Building Energy Audit Program) Col William M. Shaw and others. illus tabs AF Engrg & Svcs Qtr 19:2-8+ Feb '78

Traffic Control Applications

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

COMPUTERS - ContinuedTransportation Applications

About freight cars? UMLER (Universal Machine Language Equipment Register) Jean B. Crawford. illus Translog 9:6-8 Jun '78

The computer does the walking. 1stLt Gary Magrino. illus Translog 9:16-17 Jan '78

Computers in airline service: An ever-widening range of applications. Peter Tallon. illus tabs Interavia 33:507-512 Jun '78

CONCEPT FORMULATION

Concepts, doctrine and studies: A cohesive force for R&D. LtCol J. C. Byram, Jr. MarCor Gaz 62: 24-25 Mar '78

CONDUCT, MILITARYSee also

Americans in Foreign Countries
Standards of Conduct

A professional ethic for the military? Gen Maxwell D. Taylor, Ret. Army 28:18-21 May '78

Soviet military ethics. MajGen D. Antonov. Soviet Mil Rev No. 9:28-29 Sep '78

CONFERENCES, AERONAUTICAL

USAF Wind Shear Conference (Travis AFB, Calif, May 1978). Capt James J. Lawrence. Aerosp Safety 34:8-9 Jul '78

CONFERENCES, COMMUNICATION

(AFCEA's 32d Annual Convention Program, Washington, June 20-22, 1978) illus Signal 32:15-18 May-Jun '78

(32d AFCEA Convention Report, Washington, June 20-22, 1978) illus Signal 32: entire issue Aug '78

World Administrative Radio Conference--1979. LtCol John S. Williams, Ret. illus Signal 32:15-18+ Jan '78

CONFERENCES, MEDICAL

Minutes of 1978 Business Meeting, Aerospace Medical Association (May 8, 1978). Aviation, Space & Envmt Med 49:1134-1139 Sep '78

(Papers) Symposium on Biodynamic Models and Their Applications (sponsored by Aerospace Medical Research Laboratory, Wright-Patterson AFB, Ohio, and National Academy of Sciences-National Research Council, Dayton, Ohio, Feb 15-17, 1977) illus tabs Aviation, Space & Envmt Med 49:109-348 Jan '78

CONFERENCES, MILITARY

AFA Convention (Washington, Sep 18-22, 1977). illus Air Reservist 29:9-10 Nov '77

AFA's 1978-79 Statement of Policy (adopted at Annual National Convention, Sep 18, 1978). AF Mag 61: 38-39 Nov '78

AFA's 32d National Convention (Washington, Sep 17-21, 1978): A probing look at USAF's needs. Edgar Ulsamer. illus AF Mag 61:34-37 Nov '78

CONFERENCES, MILITARY - Continued

AVNEC (Army AViation Employment Conference, Fort Rucker, Ala, March 1978). illus USA Avn Dig pt 1, Standardization & interoperability. LtCol Wayne B. Lunsetter and Maj Ted T. Cordrey. 24: 2-5 Jun '78; pt 2, How to fight: Offense. Maj J.F. Fields. 24:3-6 Jul '78; pt 3, How to fight: Defense. Maj Kenneth H. Bardot. 24:5-7 Aug '78; pt 4, Army Aviation personnel and training problems. Maj Glenn G. Rother. 24:13-15 Sep '78

(Annual Armor Conference, U.S. Armor Assoc, Fort Knox, Ky, 1978) illus Armor 87:30-53 Jul-Aug '78

Challenge of the "eighties" is just around the corner! (Report on Air Guard Commanders' Conference, Tucson, Ariz, April 1977) illus Natl Guardsman 32:18-19+ Jun '78

INTEC (International Naval Technology Expo and Conference) '78--Rotterdam in retrospect. illus tab Intl Def Rev 11, No. 6:921-932 '78

(LtGen James) Doolittle to keynote AFA convention. AF Times 39:12 Sep 18 '78

MTMC's other half. (5th MTMC Reserve Conference, Washington, Nov 4-5, 1978) illus Translog 9:15-18 Nov-Dec '78

NGAUS ... a century of progress. (Report on 100th General Conference, St Louis, Oct 2-4, 1978) Marilyn H. Hargreaves. illus Air Reservist 31: 6-7 Nov '78

NGAUS (99th Annual) Conference (New Orleans, Sep 12-14, 1977). illus Air Reservist 29:8-9 Nov '77

NY, NY (ROA National) Convention (June 28-July 1, 1978). illus Officer 54:16-19+ Aug '78

Navy League 76th Convention. (Seattle, May 1-5, 1978) illus Sea Power 21:22-34 Jul '78

RINA (Royal Institution of Naval Architects) symposium on small fast warships and patrol vessels (London, March 7-10, 1978). Rolf Boeche. illus tab Intl Def Rev 11, No. 5:746-747 '78

ROA National Convention 1978 (New York, June 29-July 1). LtCol Jon Allen. illus Air Reservist 30: 16-17 Aug '78

(ROA 1978) Mid-Winter (Conference, Washington, Feb 22-24): Highlights (and resolutions). illus Officer 54:20-25 Apr '78

Saluting 75 years of powered flight: AFA Convention (Washington, Sep 17-20, 1978). TSgt Steven A. Landry. illus Air Reservist 31:10-11 Nov '78

The sixtieth Annual Meeting (American Defense Preparedness Assoc, Washington, May 18, 1978). illus Natl Def 63:73-78 Jul-Aug '78

60th Defense Preparedness Meeting (Air Force Museum, Wright Patterson AFB, Ohio, Oct 1, 1978) covers present and future of Air Force. illus Natl Def 63:56+ Nov-Dec '78

Speeches, panels and awards highlight (AUSA) Annual Meeting (Washington, Oct 16-18, 1978). illus Army 28:42-50+ Nov '78

USAF Wind Shear Conference (Travis AFB, Calif, May 1978). Capt James J. Lawrence. Aerosp Safety 34:8-9 Jul '78

CONFIGURATION MANAGEMENT

Physical configuration audit. TIG Brief 30:19 Apr 14 '78

Proper classification of modification proposals. TIG Brief 30:12 Jul 21 '78

Software configuration management testability and traceability. Harvey Tzudiker. illus Def Sys Mgt Rev 1:24-31 Summer '78

Time Compliance Technical Order (TCTO) program. TIG Brief 30:9-10 Oct 20 '78

CONFLICT OF INTERESTS

Moonlighting: In service of two masters. SSgt Jim Rogers. illus Soldiers 33:28-31 Apr '78

CONGRESS--U. S.See also

Laws and Legislation

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus AF Times, Times Magazine sup:4-11 Jan 9 '78

Absentee vote process creaks, report says. M.L. Craver. AF Times 38:8 Mar 27 '78

Act to put o'seas schools into (a new) Ed Dept clears panel (Senate Governmental Affairs Committee). AF Times 39:4 Jul 31 '78

All-vol: Many views, few accords. Andy Plattner. AF Times 38:19 Jul 3 '78

Amendment to improve SBP turned down in Senate, 46-43. AF Times 38:4+ Jul 24 '78

Bill would give doctors special pays over \$20,000. AF Times 39:25 Sep 11 '78

Bill would hike EM per diem. Bruce Callander. AF Times 38:3 Jun 5 '78

Bill would switch o'sea school control. AF Times 38:30 Mar 20 '78

Budget study rejects National Service plan. AF Times 38:50 Apr 24 '78

But they (two congressmen with a single specialty, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. illus Army 28:24-28 Jan '78

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

Carter calls for 5.5% pay raise in October. Andy Plattner. tab AF Times 39:1+ Sep 11 '78

Carter DOD (Authorization) Bill veto blamed on confusion. AF Times 39:7 Sep 11 '78

Circulating petitions (without permission) still spells trouble. Tom Philpott. AF Times 38:2 Apr 17 '78

Comstore's 2% fee put off again. AF Times 39:6 Sep 25 '78

Conferees OK comstore funds. Andy Plattner. AF Times 39:1+ Oct 16 '78

Congress concerned over Soviet helos. Armed Forces J Intl 115:8 Jan '78

CONGRESS--U.S.- Continued

Congress shows the Pentagon new twists in information game. Bob Gatty. illus Army 28:41-43 Jun '78

Congress told Defense is apathetic to Reserves. AF Times 38:32 Mar 6 '78

DOD (authorization) bill at White House: Main provisions listed. AF Times 39:8 Aug 21 '78

DOD vs that "other Congress." Mark Stewart. Armed Forces J Intl 114:25-26 Mar '77

DOPMA fails to make it again. Andy Plattner. AF Times 39:3 Aug 28 '78

DOPMA in Senate snarl. M.L. Craver. AF Times 38:3 Jul 3 '78

DOPMA needs Senate push. AF Times 38:4 Jul 10 '78

DOPMA's chances not good. Interview. Antonia H. Chayes. AF Times 38:2 Jun 5 '78

Defense dollars and the "frostbelt coalition." Bob Gatty. tabs maps Army 28:35-37 May '78

Diluted SBP moves. AF Times 39:15 Sep 11 '78

Doctor pay bill seen languishing in '78. Richard C. Barnard. AF Times 38:6 Mar 13 '78

Drug data called distorted. Richard C. Barnard. AF Times 38:3+ Jul 10 '78

Ex-spouses may win claim on retired pay--bill launched in House. AF Times 38:2 Mar 20 '78

50% of Senate defense panel candidates lose. Robin J. Stein. Armed Forces J Intl 116:9 Dec '78

\$4.1 billion in construction OK'd on Hill for FY 79. AF Times 39:8 Aug 21 '78

Freeing baggers from wage law. Andy Plattner. AF Times 38:4 Jul 24 '78

GI home loans face overhaul. AF Times 39:21 Aug 28 '78

Get going on pay, Hill unit (House Appropriations Committee) tells DOD. Andy Plattner. AF Times 39:1+ Aug 7 '78

Give 'people' DOD \$\$, lawmaker (Rep Parren J. Mitchell) suggests. AF Times 38:30 Apr 10 '78

Grade relief--a year's extension. M.L. Craver. AF Times 39:3 Sep 25 '78

Hearings postponed on changes to SBP. AF Times 38:8 Feb 13 '78

Heroin use heavy o'seas; East Germany's a 'silent partner.' AF Times 38:6 Jun 19 '78

Hill cool on doc(tor) recruiting. AF Times 39:3 Aug 7 '78

Hill housing \$\$: Nothing for AF. AF Times 39:20 Sep 11 '78

Hill is losing Service touch. (Interview with Rep Bob Wilson) Andy Plattner. illus AF Times 38:22 Jan 30 '78

Hill OK seen on paid ads for 'Stars and Stripes.' AF Times 38:6 Mar 20 '78

Hill OKs 5.5% raise; no reallocation seen. Andy Plattner. AF Times 38:1+ May 29 '78

CONGRESS--U.S.- Continued

Hill panel (House Armed Services Committee) sees risk in nuclear test ban. AF Times 39:10 Nov 27 '78

Hill panel (Subcommittee on Investigations of the House Post Office and Civil Service Committee) would ban dual comp. AF Times 38:39 Apr 24 '78

Hill panels OK 1400 family housing units. AF Times 38:4 Jun 5 '78

Hill report backs findings of panel (President's Commission on Military Compensation). Tom Philpott. AF Times 38:6 Jan 23 '78

Hill seen okaying flexitime. Randy Moore. AF Times 38:14 May 29 '78

Hill staff rewrites Senate union ban. AF Times 38:2 Feb 6 '78

Hill's Yule gift: Higher SS taxes. tab AF Times 38:2 Jan 1 '78

House Armed Services Committee. illus Review 57: 62-63 May-Jun '78

The House Armed Services Committee. Ricky Janisch and Donna J. Palumbo. illus Armed Forces J Intl pt 1, The national defense specialists. 115:36+ May '78; pt 2, The national security experts. 115:30+ Jun '78

House debate (Rep Samuel S. Stratton and Rep Bob Carr) intensifies on strategic vulnerability. illus Armed Forces J Intl 115:8+ Feb '78

The House Defense Appropriations Subcommittee: 'The biggest bang for the buck.' R.L. Janisch. illus Armed Forces J Intl 115:33-34+ Aug '78

House OKs DOPMA; bill heads for Senate. AF Times 38:24 Feb 27 '78

House okays subsidies for o'sea school lunches. AF Times 39:10 Jul 31 '78

House panel (Armed Services Committee) okays 3 retirement bills. AF Times 38:2 Feb 6 '78

House panel (Armed Services Committee) OKs union ban. AF Times 38:10 Mar 13 '78

House panel (Armed Services Investigations Subcommittee) approves antiunion bill. AF Times 38:37 Feb 20 '78

House panel (Armed Services Subcommittee on Military Personnel) action: Sea duty for women okayed; no vote on female combat pilots. Andy Plattner. AF Times 38:2 May 1 '78

House passes Defense (Authorization) Bill, rejects abortion limits. Andy Plattner. AF Times 38:3 Jun 5 '78

House puts \$ ceiling on Defense budget. AF Times 38:8 May 22 '78

House, Senate differ on ships, cruise missile carrier in FY 1979 markups. Armed Forces J Intl 115:5 Jun '78

How many Vets are left on the Hill? Kathy Kelly and Alicia Blaisdell-Bannon. illus tab AF Times 38:16+ Jul 3 '78

Improving NATO's efficiency and getting the Alliance more resources. Interview. Gen Alexander M. Haig. illus Armed Forces J Intl 116:26-27+ Sep '78

CONGRESS - U.S. - Continued

Jr EM travel \$\$ asked--House panel (Armed Services Committee) extends bid to CONUS. Andy Plattner. AF Times 38:3 Mar 20 '78

Jr EM travel past 1st step. Andy Plattner. AF Times 38:14 Jun 12 '78

Military \$\$ didn't stop Aspin. Andy Plattner. AF Times 39:16+ Nov 27 '78

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

Mr Carter, Congress and the generals. Bob Gatty. illus Army 28:28-30 Dec '78

New directions for the draft. Andy Plattner. AF Times 39:14 Dec 18 '78

95th Congress: The military fared well. AF Times 39:28 Nov 6 '78

No carte blanche from 'new breed' of Congressmen. Bob Gatty. illus Army 28:27-30 Mar '78

None would be refused care because of physician shortage. AF Times 38:23 Jul 3 '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

O'sea (DOD) school transfer pushed. AF Times 38:14 May 1 '78

O'sea kin ceiling a question. AF Times 39:3 Nov 6 '78

Panel (House Education and Labor Committee) OKs overseas lunch plan. Andy Plattner. AF Times 38:4 May 15 '78

Panel (House Post Office and Civil Service Committee) asks change in dual-comp limit. AF Times 38:8 Jul 24 '78

Panel (House Veterans Affairs Compensation and Pension Subcommittee) boosts DIC (Dependency and Indemnity Compensation). AF Times 38:14 May 1 '78

Panel (Senate Appropriations Committee): Hands off CMA. AF Times 39:21 Oct 30 '78

Panel (Senate Armed Services Committee) boosts some survivor benefits. AF Times 39:14 Sep 4 '78

Panel (Senate Armed Services Committee) OKs CHAMPUS pay increase. AF Times 38:2 May 22 '78

Pay ideas bump into laws: Panel's (President's Pay Commission) recommendations proving legislative problem. Tom Philpott. AF Times 38:3 Jun 19 '78

Plan would trim JAG's paperwork. AF Times 39:10 Dec 11 '78

'Players' and staffers: Get your scorecard. Andy Plattner. AF Times 38:24 Jan 16 '78

'Projection-force' options offered by (Congressional) Budget Office. AF Times 38:12 May 15 '78

Retiree pay limit not bad after all. AF Times 39:4 Sep 25 '78

The Senate Armed Services Committee: Who wields the power on the podium, and behind it. Ricky Janisch and Donna J. Palumbo. illus Armed Forces J Intl 115:23+ Apr '78

CONGRESS--U.S. - Continued

Senate defeats attack on pensions, comstores. AF Times 38:3 May 8 '78

The (Senate) Defense Appropriations Subcommittee: The defense dollar brokers. R.L. Janisch. illus Armed Forces J Intl 115:40-44+ Jul '78

Senate panel (Veterans Affairs Committee) okays 68 percent pension boost. AF Times 38:8 Apr 10 '78

(Sen) Nunn asks one-year grade relief. M.L. Craver. AF Times 39:3 Sep 11 '78

Sen Nunn to hit SBP inequities. AF Times 39:4 Aug 28 '78

(Sen) Stennis takes helm at Defense Appropriations (Subcommittee). illus Armed Forces J Intl 116:10 Mar '78

Stress idea of serving, panel (House Armed Services Committee) says. AF Times 38:23 May 29 '78

Two solons (Reps Bill Nichols and Mendel J. Davis) o'sea: EM have it tough. AF Times 39:51 Jul 31 '78

UPT has plan to cut attrition. Len Famiglietti. AF Times 39:4 Oct 16 '78

The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

The week in Congress. Regular feature in some issues of Air Force Times

What AF wants Congress to pass. (Testimony before the House Armed Services Subcommittee) Antonia Chayes. AF Times 38:2 Mar 13 '78

A year after Senate action, House OKs bill to ban unions in the military. AF Times 39:4 Oct 9 '78

CONGRESSIONAL MEDAL OF HONOR see Medal of Honor

CONSTITUTIONRussia

Leading and guiding force of Soviet society. Capt A. Skrylnik. Soviet Mil Rev No. 3:2-5 Mar '78

A sacred and honourable duty. A. Alexandrov and I. Igorev. illus Soviet Mil Rev No. 1:37+ Jan '78

Society of genuine democracy. Yu. Todorsky. Soviet Mil Rev No. 2:12-15 Feb '78

CONSTRUCTION see Building and Construction

CONSUMERS

Bases delaying consumer action. M.L. Craver. AF Times 38:1 Apr 10 '78

Complaints to Army/Air Force Exchange Service. TIG Brief 30:12 Mar 31 '78

Consumer advocacy & Services. Maj Roy G. Kennington. illus AF Engrg & Svcs Qtr 19:27-28 Feb '78

Heading off consumer ripoffs. Jim Reese. Soldiers 33:25-26 Dec '78

Humphrey: Champion of consumers. Goody L. Solomon. AF Times 38:46 Feb 6 '78

A substantial industry and superficial government actions. V.J. Adduci. illus Govt Exec 10:19-20 Jul '78

CONTAINER SHIPS see Ships, TransportCONTAINERS

Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78

Entering the intermodal age. Charles I. Hiltzheimer. illus Def Trans J 34:18-22 Jun '78

463L pallet abuse and misuse. TIG Brief 30:21 May 26 '78

The future of container ports. Lee Sellers. illus Def Trans J 34:30-32 Jun '78

The LACH (Light Amphibious Container Handler) is an example of rapid R&D. LtCol B.J. Cauley. illus MarCor Gaz 62:62-63 Mar '78

Military Sealift Command container service--a decade of progress. Howard Cradick. illus Def Trans J 34:34-39 Jun '78

Today's intermodal disincentives. Karl E. Bakke. illus Def Trans J 34:6-7+ Jun '78

Use and reuse of Transportation Packaging Order (TPO) containers. TIG Brief 30:15 Jan 20 '78

CONTINENTAL AIR COMMAND see Headquarters Air Force Reserve

CONTINENTAL AIR DEFENSE COMMAND see North American Air Defense Command

CONTRACTED SERVICES

The changing role of the Air Force Services Office. Col Lewis G. Vale. illus AF Engrg & Svcs Qtr 19:23-24+ Feb '78

Contractors defrauding AF o'seas. AF Times 38:17 Feb 13 '78

Irregularities in contract repair of office equipment and household appliances. TIG Brief 30:14 Feb 3 '78

Paying rent for use of government property. TIG Brief 30:17 Mar 17 '78

Quality control--quality assurance for service contract surveillance. John J. Lieb and Capt David G. Beers. illus AF Engrg & Svcs Qtr 19:10-14 May '78

6000 jobs in AF may 'go contract.' AF Times 38:2 Mar 27 '78

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Europe, Western

ERNO: Spacelab--present, future, and other activities. (Interview with Bernd Kosegarten) Erhard Heckmann. illus Aerosp Intl 14:8-9+ Aug-Sep '78

Europe's contribution to manned spaceflight: Spacelab. illus tabs Aerosp Intl 14:13-17 Aug-Sep '78

United States

A-109: Changing the face of U.S. military planning. David Harvey. illus Def & For Aff Dig 6, No.11:40-41 '78

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

Adversarial relationships in weapon system acquisition. TIG Brief 30:12 Jul 21 '78

Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78

Army narrows gun choice. illus Armed Forces J Intl 115:12 Jan '78

Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78

Back to Pearl Harbor: In a manner of speaking. (Address, National Security Industrial Assoc, Spring 1978) VADM Levering Smith, Ret. illus Govt Exec 10:34+ Aug '78

The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78

Built-up roof management program. Michael R. Toriello. illus AF Engrg & Svcs Qtr 19:6-7+ Nov '78

Business & government: The targets are really the same. (Interview with Raymond H. Herzog) illus Govt Exec 10:13-15 May '78

Cash management at Army GOCO (Government Owned Contractor Operated) plants. Gary W. Gates. illus Armed Forces Compt 23:24-25 Aug '78

Computerization solves Tampa Purchasing Department's problems. Karen L. Forbes. illus Govt Exec 10:34 Jan '78

Contract administration: Who is responsible? TIG Brief 30:7 Oct 20 '78

Contractor financial data and analysis at your fingertips. Josephus O. Parr. illus tab Def Mgt J 14:42-45 Jul '78

Controlling new parts proliferation. TIG Brief 30:12 Jan 20 '78

The Currency Clearing House--a multi-national effort. LtCol Donald E. Robson. illus AF Compt 12:44-45 Apr '78

The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78

Defense dollars and the "frostbelt coalition." Bob Gatty. tabs maps Army 28:35-37 May '78

Defense's streamlined acquisition program. Charles W. Duncan, Jr. illus tabs Comdrs Dig 21:2-11 May 18 '78

Dollar rewards from an innovative approach to management. Col Dorsey J. Talley. illus tabs Def Mgt J 14:52-55 Jan '78

The future of design to cost. Kimrey Newlin. Log Spectrum 12:26-27 Spring '78

Government paperwork drowns construction industry. Eugene E. Halmos, Jr. illus Mil Engr 70:91-93 Mar-Apr '78

The government supply warranty: Its nature and effect. Maj John P. Palochak. AF Law Rev 19, No.4:383-412 '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

Interim Contractor Support Regulation (800-21) revised. TIG Brief 30:19 Dec 1 '78

Mailing of confidential material. TIG Brief 30:18 Mar 3 '78

The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaberg) illus Govt Exec 10:42+ Sep '78

Minority businesses taking wing under the Air Force. MajGen James W. Stansberry. illus Def Mgt J 14: 40-43 Jan '78

Monitoring the government/industry "partnership." LtCol W.R. Montgomery. Def Sys Mgt Rev 1:28-36 Autumn '78

More effective cost-incentive contracts through risk reduction. Capt William F. Moore and John M. Cozzolino. tab illus Def Mgt J 14:12-17 Jul '78

Multiple awarding: A view from the states. Willis Holding, Jr. Govt Exec 10:35-37 Apr '78

Naval aviation manpower development: Contractor vs Navy. H.P. Aue. illus Log Spectrum 11:31-37 Winter '77

Negotiating 8(a) contracts. TIG Brief 30:13 Jul 7 '78

Past performance: An essential element in source selection. Col Michael A. Nassr. illus tabs Def Sys Mgt Rev 1:7-14 Autumn '78

Physical configuration audit. TIG Brief 30:19 Apr 14 '78

Practical innovation can mean lower life-cycle costs. Lucille S. Schlosser. illus Def Mgt J 14:32-35 Sep '78

Procurement & grants management: New opportunities for career growth. (Federal Acquisition Institute) illus Govt Exec 10:23+ Jun '78

Productivity and national strength. (Remarks, 9th Annual Triservice Manufacturing Technology Conference, Orlando, Fla, Oct 5, 1977) Gen Lew Allen, Jr. AF Ploy Ltr for Comdrs: Sup No. 1:19-23 Jan '78

Program managers: Keep your Contract Administration Officers (CAOs) informed. TIG Brief 30:22 Jun 23 '78

Public law 95-507: Will it create another monster? (A critique of small business contracting) Jean Skorupski. Govt Exec 10:53-54 Dec '78

Publication of employee and contractor writings. TIG Brief 30:17 Mar 3 '78

Quality at what price? Jerome L. Bauder. illus Def Mgt J 14:28-31 Jul '78

Releasing classified foreign intelligence information to contractors. TIG Brief 30:21 May 12 '78

Reliability improvement warranties and combat readiness. Gen Bryce Poe II. TIG Brief 30:1 Mar 3 '78

Reliability Improvement Warranty (RIW). TIG Brief 30:20 Mar 31 '78

Reliability testing: Why we need it. Robert L. Miller. illus USA Avn Dig 24:30-32 May '78

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

The role of government contract administration and audit agencies in source selection. TIG Brief 30:17 Mar 17 '78

Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. illus Def Mgt J 14:39-41 Jul '78

Self-inspection in the contracting program. TIG Brief 30:12 Sep 22 '78

Small/minority business contracting: Why government's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

Surveillance of defense programs: The industry role. Irving J. Sandler. Def Sys Mgt Rev 1:23-27 Autumn '78

Technical representative of the contracting officer. TIG Brief 30:13 Apr 28 '78

What makes procurement unique at the Energy Department. Interview. Michael J. Tashjian. illus Govt Exec 10:13-17 Jan '78

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 61:67-69 Jul '78

Costs

Preventing biased estimates in incentive contracts. Robert L. Crouch. illus Def Mgt J 14:44-51 May '78

CONVERSION see Equipment Conversion; Ships--Conversion

COOKE, Gerald E.

Bowing in, out. (MajGen Frank J. Simokaitis retires as Commandant of AFIT and Defense Institute of Security Assistance Management and MajGen Gerald E. Cooke assumes command of the two organizations) por AF Times 38:26 May 15 '78

COOKSEY, Howard H.

Army acquisition policy and national security. LtGen Howard H. Cooksey, Ret. Army Log 10:2-5 Jan-Feb '78

COOPER, Richard H.

'Short war' concept needs airing. MajGen Richard H. Cooper. por Officer 54:8-9 Apr '78

Vital for Army Section to help Reserve force. MajGen Richard H. Cooper. por Officer 54:11 Jan '78

COOPERATION see International Cooperation; Interservice Cooperation

COPYING PROCESSES

Voter index copying system achieves major cost saving. James A. Riggs. Govt Exec 10:47 Apr '78

COPYRIGHT

Publication of employee and contractor writings. TIG Brief 30:17 Mar 3 '78

CORPORATIONS, INTERNATIONAL

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

CORPORATIONS, INTERNATIONAL - Continued

How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78

CORRESPONDENCE, MILITARY

Feedback and followup via postcard. TIG Brief 30:14 Aug 25 '78

Mailing of confidential material. TIG Brief 30:18 Mar 3 '78

CORROSION

Cleaning up their act. (Pope AFB, NC, crews clean and repaint C-130s) Capt Dick Sheffield. illus Airman 22:38-41 Apr '78

Corrosion control: Everybody's business. TIG Brief 30:10 Sep 8 '78

COSMIC RAYS

Cosmic ray effects on the eyes of rats flown on Cosmos No.782, experiment K-007. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 49:19-28 Jan '78

COSMONAUTICS see Space FlightCOSMONAUTS see AstronautsCOST ACCOUNTING STANDARDS BOARD

Cost Accounting Standard 414: "Cost of Money as an Element of the Cost of Facilities Capital." Thomas W. Short. illus tab Armed Forces Compt 23: 12-14 Feb '78

COST ANALYSISSee also

Economic Analysis
Output Measurement

Can we make the BCE/IPCE (Baseline Cost Estimate/Independent Parametric Cost Estimate) process work better? John S. Bezner. illus Armed Forces Compt 23:13-15 Nov '78

Cost analysis in perspective. Capt Michael E. Thorn. illus AF Compt 12:18-19+ Jul '78

Directorate of Cost & Management Analysis. BrigGen M.R. Peterson. illus chart AF Compt 12:26-27 Oct '78

Energy productivity--a major Air Force initiative to light the way. (BEAP, Building Energy Audit Program) Col William M. Shaw and others. illus tabs AF Engrg & Svcs Qtr 19:2-8+ Feb '78

Life cycle cost management. Capt Sherry Sims. illus AF Compt 12:12-15 Jul '78

Material costs forecast. Table only. Fld Arty J 46:56 Sep-Oct '78

Mil com use of space--lease/buy. (Convention panel, AFCEA, Washington, June 20-22, 1978) Donald M. Jansky and others. illus Signal 32:61-66 Aug '78

Preventing biased estimates in incentive contracts. Robert L. Crouch. illus Def Mgt J 14:44-51 May '78

Using lapse management in civilian personnel distribution--a SAC case study. Leland G. Jordan and 1stLt Frances J. Morris. tabs Def Mgt J 14:36-39 May '78

COST AND STANDARD OF LIVING

Administration considers 'annual' retired COL hike. AF Times 38:4 Jan 30 '78

Buying power cut 12 percent in 5 years. tab AF Times 38:3 Jul 17 '78

COLA increase due Germany, Japan. Richard C. Barnard. AF Times 39:4 Sep 11 '78

COLA raise for o'sea singles? Tom Philpott. AF Times 39:3 Sep 18 '78

COLA to be restored for 35,000 civilians. Randy Moore. AF Times 38:4 Jun 19 '78

CPI (Consumer Price Index) change asked. AF Times 38:11 Feb 27 '78

Carter calls for 5.5% pay raise in October. Andy Plattner. tab AF Times 39:1+ Sep 11 '78

Carter may try to hold CPI raises to one a year. AF Times 39:4 Dec 11 '78

DOD seen asking for single COLA. AF Times 39:3 Nov 13 '78

Disabled vets ask cost-of-living \$\$\$. AF Times 39:8 Dec 11 '78

The dollar dilemma. Dave Karten. illus Review 57:8+ May-Jun '78

EM testify (to House Armed Services Compensation Subcommittee): O'seas life rough. illus AF Times 38:3 Jun 12 '78

Germany, Japan face COLA cuts. Richard C. Barnard. AF Times 39:3 Nov 27 '78

Income chases cost-of-living overseas. AF Times 38:16 Jan 30 '78

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. tab illus Govt Exec 10: 17-19 Oct '78

Jr EM (financial) aid slow, but OK. AF Times 39:3 Aug 7 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H. Chayes. AF Times 38:14-15 Jun 5 '78

Making ends meet hard in Germany. Ron Sanders. AF Times 38:3 Jan 16 '78

Moonlighting: In service of two masters. SSgt Jim Rogers. illus Soldiers 33:28-31 Apr '78

O'seas BXs trimming prices on clothing, linens by 7 percent. AF Times 38:3 Jul 10 '78

The pay package ... some allowances could go up. Tom Philpott. AF Times 39:1+ Dec 11 '78

(Pres) Carter eyes 5.5 percent cap on raise. Randy Shoemaker. AF Times 38:4 Apr 10 '78

Pressure building for 'single' COLA. Tom Philpott. AF Times 39:1+ Oct 23 '78

Recruiters get break in high-cost regions. AF Times 39:13 Sep 11 '78

Relief seen for enlisteds short of cash overseas. AF Times 38:1+ Feb 20 '78

'Stable' beef prices seen at comstores. AF Times 38:42 Jun 5 '78

COST AND STANDARD OF LIVING - Continued

2 o'sea allowance cuts in offing. Randy Shoemaker. AF Times 39:2 Dec 11 '78

Two solons (Reps Bill Nichols and Mendel J. Davis) o'seas; EM have it tough. AF Times 39:51 Jul 31 '78

Which CPI will be used in annuity hikes? AF Times 38:11 Mar 13 '78

Will '78 raise be 'capped'? Randy Shoemaker. AF Times 38:3 Jan 9 '78

COST CONTROL

DOD weapons average only 1/2 the cost growth of other Federal acquisitions. Benjamin F. Schemmer. tab Armed Forces J Intl 116:8 Mar '78

Design-to-unit-production-cost and the Copperhead (cannon-launched, laser-guided antitank projectile) program. Leonard J. Wroten. illus tabs Def Mgt J 14:40-47 Mar '78

Dollar rewards from an innovative approach to management. Col Dorsey J. Talley. illus tabs Def Mgt J 14:52-55 Jan '78

The future of design to cost. Kimrey Newlin. Log Spectrum 12:26-27 Spring '78

How DOD can stretch the maintenance and logistic dollar with PRAM (Pragmatic, Reliability, Availability and Maintainability). Floyd H. Trogon. illus Comdrs Dig 21: entire issue Jan 12 '78

Making DTISC (Design-To-Logistic-Support Cost) work: Two essential elements. L. F. Elie. illus tabs Log Spectrum 11:24-30 Winter '77

More effective cost-incentive contracts through risk reduction. Capt William F. Moore and John M. Cozzolino. tab illus Def Mgt J 14:12-17 Jul '78

ZBB can work in law enforcement. Charles E. Gabriel. illus Govt Exec 10:22+ Aug '78

COST EFFECTIVENESSSee alsoEfficiency

The ABCA (American, British, Canadian and Australian Armies) standardization program. William M. Mannel. illus Signal 32:20-24 Apr '78

Air Force Facility Energy Program. Col James R. Hawkins. illus tab AF Engrg & Svcs Qtr 19:9-10+ Feb '78

Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78

The amosist: Help at hand. (Automated Military Outpatient System) SSgt Jim Rogers. illus Soldiers 33:6-8 Feb '78

Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78

Business & government: The targets are really the same. (Interview with Raymond H. Herzog) illus Govt Exec 10:13-15 May '78

CLAMP (Closed Loop Aeronautical Management Program) on a tactical weapon system. George Beck, Jr. tab illus Def Mgt J 14:32-39 Jan '78

COST EFFECTIVENESS - Continued

Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78

The convincing value of IR techniques. Bob Bates and Lewis E. Link. illus tab AF Engrg & Svcs Qtr 19: 10-13+ Nov '78

DOD should share its experience in life cycle costing. Gary W. Hart. illus Def Mgt J 14:16-18 Jan '78

DPEWS (Design-to-Price Electronic Warfare System): The U.S. Navy's new multi-role EW systems. Gowri S. Sundaram. illus tab Intl Def Rev 11, No. 4:618-619 '78

Data processing productivity: LA County's simple measure. illus tabs Govt Exec 10:48-50 Mar '78

Energy management in the Navy's shore establishment. RADM Donald G. Iselin. illus Mil Engr 70: 8-11 Jan-Feb '78

Energy productivity--a major Air Force initiative to light the way. (BEAP, Building Energy Audit Program) Col William M. Shaw and others. illus tabs AF Engrg & Svcs Qtr 19:2-8+ Feb '78

Expanding the use of efficient sampling techniques. John C. Bernis. illus tabs Def Mgt J 14:20-22 Sep '78

Getting your ZBB ducks to stay in a row. M. Scott Downing. tabs Govt Exec 10:22+ Oct '78

Government paperwork drowns construction industry. Eugene E. Halmos, Jr. illus Mil Engr 70:91-93 Mar-Apr '78

Harnessing the software revolution to meet Navy needs. James S. Campbell. illus tabs Def Mgt J 14:16-23 May '78

Help for reducing refuse management costs. Capt Robert F. Olfenbuttel. illus map AF Engrg & Svcs Qtr 19:30-32 Nov '78

How to live with reliability engineers. George Feineman. illus tab Log Spectrum 12:34-37 Spring '78

In-flight refuelling: A key to operational effectiveness. Alvin Perrin. illus map Intl Def Rev 11, No. 4:565-568 '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

An integrated life-cycle approach to logistics. (Extracts from paper, International Material Flow Congress, Berlin, Germany, 27-29 Sep 1977) Benjamin S. Blanchard. illus Log Spectrum 12:51-56 Spring '78

Is life cycle cost costing lives? Norman R. Augustine. illus tabs Armed Forces J Intl 115:32+ Feb '78

Is reliability the key to reduce support costs? William S. Jones. tabs illus Def Mgt J 14:30-35 May '78

Life cycle cost management. Capt Sherry Sims. illus AF Compt 12:12-15 Jul '78

Logistics lessons from a packing house. Harold L. Rubenstein. Log Spectrum 12:38-41 Spring '78

The MAJCOM computer network: A demonstration of cost effective multiple command support. Col F. D. Richards. illus AF Compt 12:16-17+ Apr '78

COST EFFECTIVENESS - Continued

- Making DTLSC (Design-To-Logistic-Support Cost) work: Two essential elements. L.F.Eliel. illus tabs Log Spectrum 11:24-30 Winter '77
- The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaberg) illus Govt Exec 10:42+ Sep '78
- New challenges in EW. LtGen Robert C. Mathis. illus Signal 32:24-26+ Mar '78
- New maintenance manuals help to reduce life-cycle costs. Maj Troy V.Caver. tabs Def Mgt J 14:26-31 Sep '78
- Practical innovation can mean lower life-cycle costs. Lucille S.Schlosser. illus Def Mgt J 14:32-35 Sep '78
- Quota fillers. TIG Brief 30:4 Nov 3 '78
- SIRCS (Shipboard Intermediate Range Combat System) and OMB (Office of Management and Budget) Circular A-109: Changing the major system acquisition process. CDR Alvin W. Musgrave, Jr. illus Def Mgt J 14:24-29 May '78
- Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. illus Def Mgt J 14:39-41 Jul '78
- Should Defense managers discount future costs? CDR Rolf H. Clark. illus Def Mgt J 14:12-17 Mar '78
- Software quality and productivity. B.M.Knight. illus tabs Def Sys Mgt Rev 1:54-65 Autumn '78
- Teachers, technology & tradition: The cost cutting adjustment. illus Govt Exec 10:12+ Aug '78
- Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78
- Tradeoffs to achieve Design To Life Cycle Cost (DTLCC). Kim Newlin. illus tabs Log Spectrum 12:21-30 Fall '78
- Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78
- Voter index copying system achieves major cost saving. James A. Riggs. Govt Exec 10:47 Apr '78
- What DARCOM is doing about NATO interoperability. illus map Govt Exec 10:22-25 Mar '78

COST OF LIVING see Cost and Standard of Living

COST REDUCTION PROGRAM

See also
Resources Conservation Program

COUNSELING

- Broad approach seen for alcohol abuse program. AF Times 39:29 Oct 9 '78
- Career counseling: Commander/supervisor responsibility. TIG Brief 30:4 Jun 23 '78
- Career counseling of physicians. TIG Brief 30:19 Dec 15 '78
- Experience in counseling pays off. Interview. CMSAF Robert D. Gaylor. illus AF Times 38:4 Jan 23 '78

COUNSELING - Continued

- Helping high school counselors help you. Maj Thomas E. Koss. illus Educ J 20:13-15 Spring '78
- Most say they didn't receive counseling on survivor benefits. AF Times 38:4 Feb 27 '78
- Personal financial responsibility program. LtCol C.H. Melby. illus tab AF Compt 12:24-26 Jul '78

COUNTERINSURGENCY

- Lessons from Portugal's counter-insurgency operations in Africa. Thomas H. Henriksen. RUSI J for Def Studies 123:31-35 Jun '78

COUNTERMEASURESSee also

Electronic Countermeasures

- Air defence of units in the field. John Marriott. tabs Army Qtr 108:21-30 Jan '78

Air Force Technical Surveillance Counter-Measures (TSCM) Program (AFR 205-14). TIG Brief 30:13 Apr 28 '78

- Applications for airborne digital communications. Nicholas P. Janus and others. illus Signal 33:23-29 Sep '78

COURT OF MILITARY APPEALS

CMA (Court of Military Appeals) conviction reversal: Accused not free per se. AF Times 38:3 Jan 23 '78

CMA (Court of Military Appeals) overturns false ID ruling. AF Times 38:10 Apr 10 '78

CMA is 'a civilian court.' (Interview with Deanne C. Siemer) Tom Philpott. illus AF Times 38:26 May 29 '78

CMA reversal widens use of summary courts. AF Times 39:40 Aug 7 '78

CMA won't rule on Art(icle) 15s. AF Times 38:4 Jun 26 '78

Court of Appeals upholds room search without warrant. AF Times 38:24 May 1 '78

DOD General Counsel (Deanne C. Siemer) proposes abolishing Court of (Military) Appeals. AF Times 38:10 Apr 3 '78

Enlistment fraud defense limited. (CMA ruling) AF Times 39:10 Nov 6 '78

Fake injury 'proved'--CMA upholds conviction. AF Times 38:20 Mar 6 '78

JAG scores Court (of Military Appeals) limits on discipline. Interview. MajGen Walter D. Reed. AF Times 38:25 May 15 '78

The military jury selection reform movement. Maj Gary C. Smallridge. tabs AF Law Rev 19, No. 4: 343-382 '78

Military justice in peril--charge by CMA Chief Judge (Albert B. Fletcher, Jr). AF Times 39:25 Jul 31 '78

Panel (Senate Appropriations Committee): Hands off CMA. AF Times 39:21 Oct 30 '78

Pay retroactive when court-martial is set aside. AF Times 38:31 May 29 '78

COURT OF MILITARY APPEALS - Continued

Pleadings and practice under United States v Alef.
Capt Richard R. James. illus AF Law Rev 20,
No.1:22-47 '78

SPs can use dogs to sniff out cars. AF Times 39:4
Oct 9 '78

Separations reg reflects CMA's sanity definition. AF
Times 38:32 Jan 23 '78

Top CMA judge (Albert B. Fletcher, Jr) aims twin
blasts at military. AF Times 38:8 May 8 '78

Use of 'scripts' in guilty pleas hit. AF Times 38:11
May 22 '78

Will CMA review Article 15s? AF Times 38:24
May 8 '78

COURT OF MILITARY REVIEWAir Force

Pleadings and practice under United States v Alef.
Capt Richard R. James. illus AF Law Rev 20,
No.1:22-47 '78

COURTESY, MILITARY

Military courtesies for retired military members.
TIG Brief 30:17 Apr 28 '78

COURTSUnited States

Circulating petitions (without permission) still spells
trouble. Tom Philpott. AF Times 38:2 Apr 17 '78

Court bars quarters tax threat (in California). AF
Times 38:1+ Feb 27 '78

DC probation division cleans up in word processing
through centralized dictation. Govt Exec 10:47
Mar '78

Ex-TSgt Leonard Matlovich: The homosexual ser-
viceman is still fighting. illus AF Times, Times
Magazine sup:14-15 Feb 20 '78

High court (Supreme) upholds GI Bill restrictions.
AF Times 38:22 Apr 10 '78

Homosexuals get a break. AF Times 39:26 Dec 18 '78

COURTS-MARTIALSee also

Court of Military Review
Military Justice
Uniform Code of Military Justice

Art(icle) 15 impact on hikes clarified. AF Times
38:32 May 29 '78

CMA reversal widens use of summary courts. AF
Times 39:40 Aug 7 '78

GAO wants to end 'in lieu' discharges. Tom Philpott.
AF Times 38:1+ May 15 '78

Pay retroactive when court-martial is set aside. AF
Times 38:31 May 29 '78

Pleadings and practice under United States v Alef.
Capt Richard R. James. illus AF Law Rev 20,
No.1:22-47 '78

Will CMA review Article 15s? AF Times 38:24
May 8 '78

History

The military jury selection reform movement. Maj
Gary C. Smallridge. tabs AF Law Rev 19, No.4:
343-382 '78

COY, Edwin A.

Space now and beyond the shuttle. (Remarks, Andrews
AFB, Md, Junior Officers Council Dining Out,
July 28, 1978) MajGen Edwin A. Coy. AF Plcy Ltr
for Comdrs: Sup No.11:11-17 Nov '78

CRANES

New crane for Titan II. Maj Thomas M. Gilbert.
illus Combat Crew 28:22-23 Apr '78

CRASH BARRIER see Airplanes, Military--Arresting
Gear

CREATIVITY

The "mediocracy"--how one company (Sperry Rand
Corp) is fighting to stop its growth. (Interview with
Dick Seaberg) illus Govt Exec 10:42+ Sep '78

CREDIT

Exchanges to try credit o'seas. Richard Barnard.
AF Times 38:3 May 29 '78

Going broke: They've got it all--except the money to
pay for it. Marianne Lester. illus AF Times,
Times Magazine sup:6-10 Jan 23 '78

Once in debt, he (Capt Paul Moe) now warns others.
MSGT Dave Sheeder. illus AF Times 39:45
Nov 20 '78

CREDIT UNIONS

The bank you own. Capt Warren S. Lacy. illus Sol-
diers 33:30-34 Feb '78

CUs may grant home loans. Bruce Covill. AF Times
38:34 Jan 23 '78

CREECH, Wilbur L.

NATO posture. (Statement before Senate Armed Ser-
vices Committee, March 1, 1978) Gen W. L.
Creech. AF Plcy Ltr for Comdrs: Sup No.5:9-18
May '78

Tactical Air Command. por AF Mag 61:82-84
May '78

CRIMES AND MISDEMEANORSSee also

Fraud
Prisoners and Prisons

AFOSI, SP guide on cases issued. Ron Sanders. AF
Times 38:10 Feb 20 '78

AWOLs costing services too much, GAO reports.
Tom Philpott. AF Times 38:2 Jan 9 '78

The Air Force base: 'The safest city in the world.'
LtGen John P. Flynn. TIG Brief 30:2 Jan 20 '78

Arson: A little known problem. TIG Brief 30:7
Jul 21 '78

Arson cited in 8.4% of fires in 1977. AF Times 39:25
Aug 14 '78

CMA (Court of Military Appeals) overturns false ID
ruling. AF Times 38:10 Apr 10 '78

CMA won't rule on Art(icle) 15s. AF Times 38:4
Jun 26 '78

OSI uncovers scheme to steal shipped goods. AF
Times 39:44 Aug 7 '78

Protection of crime scenes. TIG Brief 30:3 Jun 23 '78

CRIMES AND MISDEMEANORS - Continued

Recovering stolen property. TIG Brief 30:10
May 12 '78

Return of absentees and deserters at other than the
unit of assignment. TIG Brief 30:13 May 26 '78

Statistics

Downward trend in enlisted offenses. TIG Brief 30:12
Mar 17 '78

CRIMINAL INVESTIGATION COMMAND

CID: Soldiers against crime. Cindy Domner. illus
Soldiers 33:22-23 Jan '78

CRISIS MANAGEMENT

Accidents and crises: The Dogger Bank affair. Rich-
ard Ned Lebow. illus Nav War Col Rev 31:66-75
Summer '78

Communications and crisis actions. BrigGen Charles
E. Williams, Jr, Ret. illus maps tab AU Rev 29:
2-8 Mar-Apr '78

MOBDES (MOBilization DESignee) ... ready when
needed. Capt Jerry R. Stringer. illus Air Reserv-
ist 30:9 Oct '78

Managing a utility shortage--techniques that worked.
Col Richard B. Kent and Rufus R. McEuen. tabs
AF Engrg & Svcs Qtr 19:26-29 Nov '78

NATO--a military appraisal. Gen H. F. Zeiner Gun-
dersen. RUSI J for Def Studies 123:17-22 Sep '78

CROWE, William J., Jr

The Persian Gulf: Central or peripheral to United
States strategy? VADM W. J. Crowe. US Nav Inst
Proc 104:184-209 May '78

CRUISE MISSILES see Missiles

also Missile Type--ALCM; Missile Type--
SLCM

CRUISERS

Invincible and Sea Harrier--an overdue combination?
Derek Wood. illus Intl Def Rev 11, No. 2:161-
163 '78

The revolutionary (Soviet) cruiser "Aurora." LtCol
V. Sukhodolsky. illus Soviet Mil Rev No. 8:54-55
Aug '78

U.S. Navy ship design. Jan W. Snouck-Hurgronje.
illus tab Natl Def 63:34-38 Nov-Dec '78

History

"Fine sea boats ... of no fighting value." CAPT John
M. Kennaday, Ret. illus US Nav Inst Proc 104:92-
94 Jan '78

CRYPTOGRAPHY

A lesson to relearn? (Better cooperation between air-
craft and ground forces) Joseph B. Fries. (Con-
densed from United States Army Aviation Digest,
Sep 1977) illus TAC Attack 18:18-19 Apr '78

CRYPTOGRAPHY - Continued

Send A Message (SAM). Capts William R. Soneira and
James R. MacSwords. illus tab Armor 87:13-15
Jul-Aug '78

Will 'Ultra' rewrite history? Martin Blumenson. illus
Army 28:42-48 Aug '78

CUBAForeign RelationsAfrica

The Cuban factor. Edgar O'Ballance. RUSI J for Def
Studies 123:46-51 Sep '78

Cuban strategy in Africa: The long road of ambition.
Roger W. Fontaine. illus Strat Rev 6:18-27 Sum-
mer '78

The Soviet-Cuban presence in the Horn of Africa.
Lawrence Whetten. illus RUSI J for Def Studies
123:39-45 Sep '78

Africa, East

Soviet thrust into the Horn of Africa: The next tar-
gets. Peter Vanneman and Martin James. illus
tab Strat Rev 6:33-40 Spring '78

Russia

The Cuban factor. Edgar O'Ballance. RUSI J for Def
Studies 123:46-51 Sep '78

Politics and Government

The Cuban theory of revolutionary war: The faith,
the fallacies, and the heresy. Kenneth O. Fox.
RUSI J for Def Studies 122:35-40 Dec '77

CULVER, John C.

The future of the strategic bomber. John C. Culver.
AEI Def Rev 2, No. 1:2-12 '78

CURRY, William D., Jr

(BrigGen William D. Curry, Jr assumes command of
Defense General Supply Center, replacing BrigGen
Rufus L. Billups) por Def Trans J 34:80 Oct '78

CUSTOMER SERVICE

Commissary management: Tips to improve service
and customer satisfaction. TIG Brief 30:4 Jul 7 '78

Supply: Better customer support. TIG Brief 30:16
Dec 15 '78

CUSTOMS SERVICE

E-3As to give customs a lift in smuggling war. AF
Times 39:41 Nov 13 '78

Suspect mail policy will end April 30. AF Times
38:44 Apr 24 '78

DANTES see Defense Activity for Non-Traditional Educational Support

DARCOM see Army Materiel Development and Readiness Command

DARPA see Defense Advanced Research Projects Agency

DDR & E see Defense Research and Engineering

DESCOM see Army Depot System Command

DEW see Distant Early Warning Systems

DIS see Defense Investigative Service

DOPMS see Defense Officer Personnel Management System

DSARC see Defense Systems Acquisition Review Council

DSCS see Defense Satellite Communications Systems

DALTON, Harry J., Jr

Telling the Air Force story. (Speech, Public Relations Society of America, Albuquerque, NM, Dec 15, 1977) BrigGen H.J. Dalton, Jr. AF Plcy Ltr for Comdrs: Sup No.3:24-31 Mar '78

DAMAGE CONTROL

Damage control on a ship. Capt A.Kharlamov. Soviet Mil Rev No.2:40-41 Feb '78

Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78

DAMAGES see Claims

DAMS

Let's get it straight about those dams! Ralph B. Peck. illus Mil Engr 70:20-23 Jan-Feb '78

Lost megawatts flow over nation's myriad spillways. David E.Lillenthal. (Reprinted from Smithsonian, Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78

The national dam inspection program. Samuel H. Miles. illus Mil Engr 70:326-329 Sep-Oct '78

Small hydro project potential at existing dams. Robert N.Janopaul and David C.Willier. illus tab Mil Engr 70:318-322 Sep-Oct '78

Maintenance and Repair

Emergency debris removal at Mud Mountain Dam (Enumclaw, Wash). Henry N.Nakagawa. illus Mil Engr 70:100-102 Mar-Apr '78

DANGEROUS MATERIALS see Hazardous Substances

DANIEL, Charles D., Jr

Status and needs of Army intelligence, surveillance and target acquisition. MajGen Charles D.Daniel, Jr. por Elect Warfare/Def Elect 10:57+ Sep '78

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

AUTODIN via high frequency radio. Maj William A. Barry and G.A.Clapp. illus Signal 32:55-59 Jan '78

DATA TRANSMISSION SYSTEMS - Continued

Countermeasures and communications from Thomson-CSF. G.S.Sundaram. illus Intl Def Rev 11, No.4:569-572 '78

DISCON--the Australian Defence Integrated Secure Communications Network for the 1980's. I.H. Maggs. illus map tabs Signal 32:21-25 Feb '78

Intelligence processing and the great technology race. 1stLt Kathleen Ryan. MarCor Gaz 62:41-44 Mar '78

Naval communications in NATO--still some gaps. R.D.Boyle. illus Intl Def Rev 11, No.4:515-519 '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

A revolution in tactical data reporting. R.B.Pengelly. illus Intl Def Rev 11, No.4:614-616 '78

The USAF's PLSS (Precision Location/Strike System) program. Gowri S.Sundaram. illus Intl Def Rev 11, No.9:1440-1441 '78

DAVIS, Benjamin O., Jr

Commissioner Davis scores panel (President's Commission on Military Compensation). Interview. LtGen Benjamin O.Davis, Jr. Ret. por AF Times 38:4 Mar 20 '78

Pay panel (President's Commission on Military Compensation) 'failure.' Interview. LtGen Benjamin O.Davis, Jr. Ret. AF Times 38:3 Apr 10 '78

DAVIS, Bennie L.

Personnel chief (LtGen B.L.Davis) says CHAMPUS failing job. (Testimony to Congress) Bruce Callander. AF Times 38:2 Apr 3 '78

DEATH see Life and Death

DEBTOR AND CREDITOR

Once in debt, he (Capt Paul Moe) now warns others. MSgt Dave Sheeder. illus AF Times 39:45 Nov 20 '78

DECEPTION IN WARFARE

The Dagaia EW decoy launcher--an antimissile self-defense system for the '80s. R.Beulier. illus tab Intl Def Rev 11, No.8:1307-1308 '78

An overview: Electronic countermeasures technology. Lee A.Meadows. illus tab Signal 32:34-38+ Mar '78

DECISION MAKING

See also
Economic Analysis
Problem Solving

Accelerated Copilot Enrichment (ACE). Capt John H. Wayne, Jr. illus Aerosp Safety 34:26-27 Apr '78

Aircrew judgment--not gone or forgotten. Capt David V.Froehlich. Aerosp Safety 34:24-25 Aug '78

An application of logistic support models. Henry C. Okraski. illus Log Spectrum 12:25-29 Summer '78

Application of the Delphi process to zero base budgeting. Maj Michael E.Thorn. illus tab Armed Forces Compt 23:18-19+ Nov '78

DECISION MAKING - Continued

A commander takes a decision. Col A. Akimov. illus Soviet Mil Rev No. 10:26-28 Oct '78

Decisionmaking. (Statement inaugurating the Stennis Visiting Statesmen Series, Mississippi State University, State College, Miss, Oct 21, 1977) Harold Brown. AF Ploy Ltr for Comdrs: Sup No. 12: 2-7 Dec '77

Decisions. (Speech, Abrams Chapter, U.S. Armor Assoc, April 4, 1978) Gen Walter T. Kerwin, Jr. illus Armor 87:10-11 May-Jun '78

Dissent: The neglected factor in decision-making. Col Edsel R. Field. illus AU Rev 29:51-57 Mar-Apr '78

Dynamic decision management. Robert A. Eidson. illus Signal 32:40-42 Jul '78

Environmental impact statements and the DOD decision-making process. William L. Robertson. illus Def Mgt J 14:48-51 Mar '78

Getting your ZBB ducks to stay in a row. M. Scott Downing. tabs Govt Exec 10:22+ Oct '78

How good are maintenance data? John F. Stanhagen, Jr. tab Log Spectrum 12:57-60 Spring '78

Judgment--intuitive decision making through experience. Maj David C. Prahl. illus Interceptor 20: 18-19 Apr '78

Management by decision. RADM M. D. Van Orden, Ret. illus Signal 33:35-39 Sep '78

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

The smart way to go around. Capt Bob Ziener. illus tab Aerosp Safety 34:4-5 Aug '78

Tactical C³: The modern challenge. LtGen Robert T. Marsh. illus Signal 33:14-17 Sep '78

Weather forecasts ... how good are they? Capts Warren A. Von Werne and Joseph J. Butchko. illus tab TAC Attack 18:24-25 Apr '78

When you gotta go--go. Rudolph C. Delgado. illus tabs Aerosp Safety 34:4-5 May '78; Condensation. AF Times 38:20 Jul 3 '78

DECOMPRESSION

Intracardial gas bubbles and decompression sickness while flying at 9,000 m within 12-24 h of diving. U. I. Balldin. tabs Aviation, Space & Envmt Med 49:1314-1318 Nov '78

More about bends. Maj Harlan J. Borcharding. illus Interceptor 20:14-15 Jan '78

Movement by helicopter of patients with decompression sickness. Eddie J. Reddick. Aviation, Space & Envmt Med 49:1229-1230 Oct '78

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Decontaminate and survive. Capt Kenn Riordan. illus Fld Arty J 46:58-59 Mar-Apr '78

DECORATIONS OF HONOR see Awards, Decorations, etc

DECOYS (MILITARY)

The Dagaie EW decoy launcher--an antimissile self-defense system for the '80s. R. Beulier. illus tab Intl Def Rev 11, No. 8:1307-1308 '78

DEFECTIONRussia

The Coast Guardsmen and the Soviet defector (Simas Kudirka). illus AF Times, Times Magazine sup: 18-21 Mar 20 '78

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)

DEFENSE ACTIVITY FOR NON-TRADITIONAL EDUCATIONAL SUPPORT

College credit: An examination. TIG Brief 30:4 Nov 3 '78

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78

Military electronics in the 1980s: DARPA. George H. Heilmeyer. Mil Elect/Countermeasures 3:33 Dec '77-Jan '78

DEFENSE ATOMIC SUPPORT AGENCY see Defense Nuclear Agency

DEFENSE COMMUNICATIONS AGENCY

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

Gravely succeeds Paschall at DCA: LtGen Lee M. Paschall retires--VADM Samuel L. Gravely, Jr assumes post. illus Signal 33:44-45 Sep '78

DEFENSE COMMUNICATIONS SYSTEM

Defense communications systems. George L. Salton. illus Signal 33:44+ Nov-Dec '78

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

Performance monitoring of DCS international high value leased circuits. LtCols Raymond C. Smith and Gordon W. Arbogast. illus Signal 32:15+ Apr '78

The second-generation DCS (Defense Communications System). LtGen Lee M. Paschall. illus AF Mag 61:72-75 Jul '78

(7th Signal Command's Operations Command renamed Pentagon Communications Command) Signal 32:92 Mar '78

DEFENSE COMMUNITY SERVICE PROGRAM

See also
Civic Action Program

Jacksonville's 'Iron Gators' show how to recruit Reservists. LtCol J. H. Alexander. illus tab MarCor Gaz 62:35-42 Feb '78

'Project Navajo.' SMSgt Hyrum Bates. illus Air Reservist 29:19-20 Mar '78

DEFENSE CONTRACT ADMINISTRATION SERVICES

Phony accounts used in million-dollar scheme. AF Times 39:24 Dec 25 '78

DEFENSE CONTRACT AUDIT AGENCY

The role of government contract administration and audit agencies in source selection. TIG Brief 30:17 Mar 17 '78

Surveillance of defense programs: The industry role. Irving J. Sandler. Def Sys Mgt Rev 1:23-27 Autumn '78

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPTNew Zealand

New Zealand's defence problems. Col Norman L. Dodd, Ret. illus map chart RUSI J for Def Studies 123:49-56 Jun '78

United States

AF's interim abortion policy waiting for Hill action. Ron Sanders and Richard C. Barnard. AF Times 39:2 Oct 16 '78

Align discharge regs, Defense study urges. Tom Philpott. AF Times 39:8 Sep 18 '78

Brown backs down on veterinarian cuts. AF Times 39:8 Oct 2 '78

CMA is 'a civilian court.' (Interview with Deanne C. Siemer) Tom Philpott. illus AF Times 38:26 May 29 '78

Congress shows the Pentagon new twists in information game. Bob Gatty. illus Army 28:41-43 Jun '78

Congress told Defense is apathetic to Reserves. AF Times 38:32 Mar 6 '78

DOD adds 'balance' to Hollywood. AF Times 38:44 Feb 6 '78

DOD asks bonus change for doctors. AF Times 39:29 Dec 25 '78

DOD doing poor job of explaining pay: GAO report. AF Times 39:12 Jul 31 '78

DOD General Counsel (Deanne C. Siemer) proposes abolishing Court of (Military) Appeals. AF Times 38:10 Apr 3 '78

DOD health post won't be abolished. illus AF Times 38:23 Mar 27 '78

DOD, in shift, plans to fight recomp. AF Times 38:3 Apr 17 '78

DOD kills USAF AMST program as Soviets unveil their own. illus tab Armed Forces J Intl 115: 15-16 Feb '78

DOD moves ahead on pay proposals--raises could vary by grade. Tom Philpott. AF Times 38:1+ Jun 12 '78

DOD OKs CHAMPUS dental proposal. Richard C. Barnard. AF Times 38:6 Jun 5 '78

DOD phones keep users off the hook. AF Times 39:31 Jul 31 '78

DOD proposes trust fund for retirement. AF Times 38:22 Jan 23 '78

DOD says retirement system not working. AF Times 38:28 Mar 20 '78

DOD should share its experience in life cycle costing. Gary W. Hart. illus Def Mgt J 14:16-18 Jan '78

DEFENSE DEPT - ContinuedUnited States - Cont'd

DOD submits retiree plan for troops now aboard. Tom Philpott. tab AF Times 39:1+ Dec 25 '78

DOD vs that "other Congress." Mark Stewart. Armed Forces J Intl 114:25-26 Mar '77

DOD walks thin line on abortions. Tom Philpott. AF Times 39:2 Sep 25 '78

DOD's retirement plan: 'Grandfather everybody'--some would have a choice. Tom Philpott. tab AF Times 38:1+ Jul 17 '78

Defense (Dept) slow in responding to manpower (Defense Manpower Commission) panel's report. AF Times 39:12 Sep 11 '78

Defense Director for Naval Warfare (William D. O'Neil). illus Natl Def 63:5 Nov-Dec '78

Defense highlights. Regular feature in issues of National Defense

Defense soon to list bases for closing. Andy Plattner. AF Times 38:2 Jan 16 '78

Energy. E.W. Seabrook Hull. tabs Natl Def 63:36-40+ Jul-Aug '78

Environmental impact statements and the DOD decision-making process. William L. Robertson. illus Def Mgt J 14:48-51 Mar '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

GAO: DOD can't evaluate efficiency of med offices. AF Times 38:47 Feb 27 '78

House rejects curbs on competitive shipping. AF Times 39:38 Aug 21 '78

How DOD's "year of the NATO budget" was slightly mauled by Congress. Armed Forces J Intl 116:14 Oct '78

"I make waves ... in the Pentagon pool." Interview. Russell Murray II. illus Armed Forces J Intl 116:22+ Dec '78

It costs 35¢ more to eat in dining halls. AF Times 39:8 Oct 16 '78

Key Defense manager: The Deputy Secretary of Defense (Charles W. Duncan, Jr) is central to coordination of operations. illus Natl Def 62:382-383 Mar-Apr '78

Management of major DOD test facilities. John W. McCord. illus Def Sys Mgt Rev 1:59-72 Winter '77

The military chiefs and Defense policy: Is anyone listening? Lloyd Norman. illus Army 28:14-16+ Apr '78

Myths about the Defense budget. Francis P. Hoeber. tabs AU Rev 29:2-17 Sep-Oct '78

Navy, DOD debate "basic, fundamental disagreement" over future character, size of carrier aviation. Benjamin F. Schemmer. illus Armed Forces J Intl 116:41-42 Mar '78

The new Defense pecking order. Armed Forces J Intl 116:12 Mar '78

DEFENSE DEPT - ContinuedUnited States - Cont'd

New drug fight drafted by DOD. Randy Moore. AF Times 39:6 Oct 2 '78

On managing computer operations in the Department of Defense. Joseph P. Welsch. illus Def Mgt J 14: 24-27 Mar '78

Panel (Senate Appropriations Committee): Hands off CMA. AF Times 39:21 Oct 30 '78

A retirement compromise (between the trust fund proposed by the President's Commission on Military Compensation (backed by the Navy) and the two-tier retirement plan (backed by the Army and the Air Force) Services can 'live with.' Tom Philpott. AF Times 39:1+ Oct 9 '78

Revised (DOD) Directive (1304.22) lists criteria for SRB. AF Times 39:18 Nov 27 '78

The role of DOD's Reserve Forces Policy Board. John Slezak. illus tab Def Mgt J 14:8-11 Sep '78

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 12:3 Oct '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. tab Armed Forces J Intl 115:10 Apr '78

Shorter no-kin tours top Pentagon issue. Interview. John P. White. illus AF Times 39:8+ Oct 16 '78

Steps taken to tighten leave. Tom Philpott. AF Times 39:3 Oct 16 '78

Summary of DOD annual report. (Presented before House Armed Services Committee, Washington, Feb 2, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:20-28 Apr '78

Test and evaluation in the Department of Defense. LtGen Walter E. Lotz, Ret. illus Def Sys Mgt Rev 1:1-6 Winter '77

Top tactical warfare researcher--Robert A. Moore is in charge of Defense tactical warfare programs. illus Natl Def 62:298-299 Jan-Feb '78

Tour rules--main changes. (Defense Directive 1315.7) tab AF Times 38:8+ Jan 16 '78

History

Service unification: Arena of fears, hopes, and ironies. Lawrence J. Korb. illus US Nav Inst Proc 104:170-183 May '78

Organization

C3I: An overview. Gerald P. Dinneen. illus Signal 33: 10-13 Nov-Dec '78

DOD reorganization studies seek more authority for JCS chairman. Armed Forces J Intl 115:8+ Aug '78

Department of Defense. illus chart Command 1: entire issue Nov '78

Intelligence and national security. James H. Babcock. illus Signal 33:16-18+ Nov-Dec '78

JCS reorganizes. illus Comdrs Dig 21:12 May 18 '78

The military chiefs and Defense policy: Is anyone listening? Lloyd Norman. illus Army 28:14-16+ Apr '78

DEFENSE DEPT - ContinuedUnited States - Cont'dOrganization - Cont'd

Pentagon reorganization group studies 'fundamental problems' in Defense structure. L. Edgar Prina. illus Sea Power 21:14-16 Jan '78

White House, Pentagon now weigh more far-reaching Defense reorganization. Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-36 Nov '78

DEFENSE DEVELOPMENT RESEARCH AND ENGINEERING see Defense Research and EngineeringDEFENSE DOCUMENTATION CENTER

Tapping the logistics reservoir. Glenn S. Finley III. illus Army Log 10:34-37 Mar-Apr '78

DEFENSE GENERAL SUPPLY CENTER

(BrigGen William D. Curry, Jr assumes command of Defense General Supply Center, replacing BrigGen Rufus L. Billups) illus Def Trans J 34:80 Oct '78

DEFENSE INDUSTRIAL SUPPLY CENTER

Stretching procurement dollars. (DOD Precious Metals Recovery Program (PMRP)) tab TIG Brief 30:10 Aug 25 '78

DEFENSE INVESTIGATIVE SERVICE

Local files checks and SBI (Special Background Investigation)-SCI (Sensitive Compartmented Information) interviews. TIG Brief 30:21 Apr 28 '78

New DOD program to probe fraud. AF Times 39:30 Aug 21 '78

DEFENSE LOGISTICS AGENCY

See also entries under sub-agencies, e.g., Defense Personnel Support Center

Assuring quality. Maj James L. Rice. illus Army Log 10:12-13 Jan-Feb '78

Meet (Lt)Gen (Gerald J.) Post. (Director of Defense Logistics Agency) illus Review 58:10 Jul-Aug '78

Using commercial buying practices isn't as easy as it sounds. illus Govt Exec 10:12+ Apr '78

DEFENSE LOGISTICS SERVICES CENTER

Information warehouse. Capt Lynn B. Schmoll. illus Army Log 10:36-37 Jan-Feb '78

DEFENSE LOGISTICS STUDIES INFORMATION EXCHANGE

Tapping the logistics reservoir. Glenn S. Finley III. illus Army Log 10:34-37 Mar-Apr '78

DEFENSE MANPOWER COMMISSION

DOD says retirement system not working. AF Times 38:28 Mar 20 '78

Defense (Dept) slow in responding to manpower (Defense Manpower Commission) panel's report. AF Times 39:12 Sep 11 '78

DEFENSE MARKETS AND MARKETING see Markets and Marketing

DEFENSE NUCLEAR AGENCY

New policy on nuclear inspections. TIG Brief 30:6
Apr 14 '78

DEFENSE OFFICER PERSONNEL MANAGEMENT
SYSTEM

Chayes clarifies DOPMA views. AF Times 38:2
Jun 12 '78

DOPMA: Defense Officer Personnel Management Act.
(Statement before Personnel Subcommittee, Senate
Armed Services Committee) Gen J. Milnor Roberts,
Ret. Officer 54:18-19 Sep '78

DOPMA fails to make it again. Andy Plattner. AF
Times 39:3 Aug 28 '78

DOPMA in Senate snarl. M.L. Craver. AF Times
38:3 Jul 3 '78

DOPMA needs Senate push. AF Times 38:4 Jul 10 '78

DOPMA plans are in progress. AF Times 38:26
May 1 '78

DOPMA's chances not good. Interview. Antonia H.
Chayes. AF Times 38:2 Jun 5 '78

Grade relief--a year's extension. M.L. Craver. AF
Times 39:3 Sep 25 '78

House OKs DOPMA; bill heads for Senate. AF Times
38:24 Feb 27 '78

If DOPMA doesn't pass ... M.L. Craver. AF Times
38:1+ Jan 23 '78

(Sen) Nunn agrees to push DOPMA Bill. Andy Platt-
ner. AF Times 38:1+ Apr 17 '78

(Sen) Nunn asks one-year grade relief. M.L. Craver.
AF Times 39:3 Sep 11 '78

Up-or-out: A perspective. LtCol Robert O. Heavner.
illus AU Rev 29:54-58 Jul-Aug '78

DEFENSE PERSONNEL SUPPORT CENTER

Close encounters of the food kind. (Address, 32d An-
nual Meeting, Research and Development Asso-
ciates for Military Food and Packaging Systems,
Chicago, April 11, 1978) CAPT Stuart F. Platt.
illus Review 58:14+ Jul-Aug '78

(Major) General (Emmett W.) Bowers assumes com-
mand of DPSC. illus Review 58:10+ Sep-Oct '78

Phony accounts used in million-dollar scheme. AF
Times 39:24 Dec 25 '78

Update on military meat procurement. (Interview
with Col Bruce E. Patterson) Review 57:26+ Jan-
Feb '78

DEFENSE PROPERTY DISPOSAL SERVICE

The Defense Property Disposal Service: An organiza-
tional history. Bruce E. Krell and Jack M. Mogg.
illus Log Spectrum 12:16-20 Fall '78

DEFENSE RESEARCH AND ENGINEERING

Top tactical warfare researcher--Robert A. Moore is
in charge of Defense tactical warfare programs.
illus Natl Def 62:298-299 Jan-Feb '78

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

Medium terminal antenna subsystem for DSCS (De-
fense Satellite Communications System). Ross F.
Winebarger and William W. Davison. illus tab Sig-
nal 32:55-58+ May-Jun '78

DEFENSE SATELLITE COMMUNICATIONS SYSTEM -
Continued

Strategic C3: The satellite arena--20 years after
Sputnik. Benjamin F. Schemmer. illus tabs
Armed Forces J Intl 115:18-23+ Feb '78

DEFENSE SUPPLY AGENCY see Defense Logistics
Agency

DEFENSE SUPPLY ASSOCIATION see American Logis-
tics Association

DEFENSE SUPPRESSION

Air defense suppression expendables (chaff and
flare). Neal Brune. illus tab Mil Elect/Counter-
measures 4:22+ Aug '78

Air Force, Navy pushing harassment drones. Frank
J. Moncrief. illus Elect Warfare/Def Elect 10:39-
40+ Sep '78

Defense suppression as a basic operational mission.
LtCol David Brog. illus tab AU Rev 29:9-12 Mar-
Apr '78

Defense suppression--mission or tactic? WgComdr
Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

F-4G in Wild Weasel capability. LtCol Leonard C.
Ekman. illus USAF Ftr Wpns Rev, p 9, Fall '78

NBC (Nuclear-Biological-Chemical) protection for
our future pointmen. Maj's John C. Short, Jr and
James M. Puckett. illus MarCor Gaz 62:26-30
Mar '78

DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL

Test and evaluation in the Department of Defense.
LtGen Walter E. Lotz, Ret. illus Def Sys Mgt Rev
1:1-6 Winter '77

Test and evaluation policy. Charles W. Karns. illus
Def Sys Mgt Rev 1:87-93 Winter '77

DEFENSESSee also

Air Defenses
Civil Defense
Deterrence

International defense digest. Regular feature in issues
of International Defense Review

Costs

New directions in defense spending: A perspective.
illus Def & For Aff Dig 6, No. 9:4-7+ '78

Canada

Canada: Hull down on the horizon. Joseph Fama. illus
Def & For Aff Dig 6, No. 12:17-21 '78

The defence of Canada. Col Norman L. Dodd. Army
Qtr 108:38-46 Jan '78

China (People's Republic)

Defense priorities in post-Mao Peking. Col John E.
Coon. illus Parameters 7, No. 4:13-20 '77

Europe

European security: The prospect of change. Law-
rence Freedman. RUSI J for Def Studies 123:20-26
Mar '78

DEFENSES - Continued

Europe, Western

NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77

President warned "current balance of forces (in NATO) gives no cause for complacency." Armed Forces J Intl 115:20-21 May '78

France

France: Increasing defense spending. David Harvey. illus Def & For Aff Dig 6, No. 10:48 '78

Free World

Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D. M. O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

Great Britain

Britain faces the future now. Geoffrey Pattie. illus Def & For Aff Dig 6, No. 10:12+ '78

British defence policy. RUSI J for Def Studies pt 1, An international view. Ian Smart. 122:8-14; pt 2, An historian's view. P. M. Kennedy. 122:14-16+ Dec '77

India

India's defense policy and infrastructure. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 58:31-41 May '78

Iran

Iran's security in the 1980s. Shahram Chubin. tab Intl Sec 2:51-80 Winter '78

Israel

Israel's defense doctrine: Background and dynamics. MajGen Israel Tal. illus Mil Rev 58:22-37 Mar '78

Japan

Japan: The new defense debate. Gen Hiroomi Kurisu. Def & For Aff Dig 6, No. 10:32-33+ '78

Japan's continuing nuclear dilemma. Maj James V. Young. illus Mil Rev 58:19-25 Jul '78

Korea (Republic)

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I. D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

NATO

Air power at Kursk: A lesson for today? Capt Lonnie O. Ratley III. (Condensed from RUSI Journal for Defence Studies, June 1977) illus Mil Rev 58:54-62 Apr '78

Britain's role in NATO: Increasing commitment. Fred Mulley. illus Def & For Aff Dig 6, No. 10: 6-9 '78

The British military contribution to the Alliance. J. K. Ledlie. illus NATO's Fifteen Nations 23:145-150 Oct-Nov '78

DEFENSES - Continued

NATO - Cont'd

The Channel Command: Jugular vein of NATO. Adm Henry Leach. illus map NATO's Fifteen Nations 23:38-40+ Oct-Nov '78

Coronet Snipe: The Air Guard in Norway. (A transatlantic deployment of RF-4 Phantoms to help test the ability of USAF--and ANG--to support NATO North) Capt Ed Tonini and LtCol Don Armstrong. illus Natl Guardsman 32:18-21+ Aug '78

Cruise missiles in Europe--will Europe have a say? Intl Def Rev 11, No. 7:1010 '78

The defense of the Atlantic. ADM Isaac C. Kidd. illus NATO's Fifteen Nations 23:28-30+ Oct-Nov '78

Defense planning: A time for breadth. Maj Richard J. Lunsford, Jr. illus Parameters 8:15-25 Mar '78

Defense spending: Is the budget big enough? C. W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

(Deployment) 'our greatest challenge.' Maj P. J. Peterson. illus Air Reservist 29:6-7 Nov '77

"Division of labor" in the Western Alliance. Col Marc E. Geneste, Ret. illus US Nav Inst Proc 104:42-51 Nov '78

'Dutch treat ...' Air Guard style. TSgt Janet Wright. illus Air Reservist 29:12-13+ Feb '78

The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No. 8: 1237-1241 '78

European security: The prospect of change. Lawrence Freedman. RUSI J for Def Studies 123:20-26 Mar '78

European weather can bite you. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 34:26-27 Jan '78

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 23:92-93+ Oct-Nov '78

Exercise report: The Northern Wedding. illus NATO's Fifteen Nations 23:90-91 Oct-Nov '78

Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78

The higher direction of NATO. Gen H. F. Zeiner Gundersen. illus NATO's Fifteen Nations 23:18-20+ Aug-Sep '78

Inter-allied goals for a strong NATO defense. Harold Brown. illus Command 1:2-3+ Dec '78

Jan Mayen in Norwegian security policy. Ellmann Ellingsen. illus map NATO's Fifteen Nations 23: 62-64 Apr-May '78

The II Marine Amphibious Force: A force to be reckoned with. LtCol C. A. Fleming. illus NATO's Fifteen Nations 23:52-54+ Oct-Nov '78

Military aspects of Farnborough International '78. illus Intl Def Rev pt 1, 11, No. 8:1209-1212 '78

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

NATO: Assessing the assessors. David Harvey. Def & For Aff Dig 6, No. 1:15-16+ '78

DEFENSES - ContinuedNATO - Cont'd

- NATO at the crossroads. Jon L. Boyes. Signal 32: 49-53 Jan '78
- NATO 1978: L. Edgar Prina. illus Sea Power 21: 21-26 Nov '78
- NATO posture. (Statement before Senate Armed Services Committee, March 1, 1978) Gen W. L. Creech. AF Plcy Ltr for Comdrs: Sup No. 5:9-18 May '78
- NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C. W. Borklund. Govt Exec 10:43+ Dec '78
- The NATO small arms trials. A. J. R. Cormack. illus tab Intl Def Rev 11, No. 7:1043-1048 '78
- NATO to have 193,000 anti-tank missiles by end '78 vs 18,000-20,000 Pact tanks. Armed Forces J Intl 115:14 Jan '78
- NATO's ACE (Allied Command Europe) turns up trumps (ACE Mobile Force). Maj R. A. G. Young. illus Army 28:14-18 Sep '78
- NATO's amphibious trump card. Col Richard D. Taber, Sr. map Natl Def 62:534-535+ May-Jun '78
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78
- NATO's unused resource. (Territorial forces) Abbott A. Brayton. illus Infantry 68:23-24 Jan-Feb '78
- The neutron bomb and the defense of NATO. BrigGen Edwin F. Black, Ret and S. T. Cohen. illus tab Mil Rev 58:53-61 May '78
- New directions for NATO. William J. Perry. Def Sys Mgt Rev 1:66-73 Autumn '78
- The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78
- (Pres) Carter's military budget: More than meets the eye behind the bare dollars. tabs Def Monitor 7: entire issue Apr-May '78
- President warned "current balance of forces (in NATO) gives no cause for complacency." Armed Forces J Intl 115:20-21 May '78
- The problems in the Baltic--threat and response. Comdrs Ulrich Weissner and Klaus Jancke. illus map NATO's Fifteen Nations 23:52-56 Apr-May '78
- Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No. 9:11-20 Sep '78
- Readiness: Project Checkmate. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Sep '78
- Reforger 77. MSgt Dick Larsen. illus NATO's Fifteen Nations 23:65-72 Feb-Mar '78

DEFENSES - ContinuedNATO - Cont'd

- Reforger puts bite in NATO. illus AF Times 39:34 Dec 11 '78
- SACEUR. Interview. Gen Alexander M. Haig, Jr. illus NATO's Fifteen Nations 23:20-22+ Oct-Nov '78
- Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. illus map Intl Def Rev 11, No. 4:509-514 '78
- The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78
- Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D. M. O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78
- Support troops in combat operations in Europe. Maj Edward A. Corcoran. illus tabs Army Log 10: 18-23 Jan-Feb '78
- Territorial defenses: An ace in the hole for NATO. LtCol William O. Staudenmaier. illus tab Army 28:35-38 Feb '78
- Thinking "we." Gen William J. Evans. (Reprinted from EurArmy, May 1978) AF Plcy Ltr for Comdrs: Sup No. 8:9-11 Aug '78
- The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No. 9: 1472-1476 '78
- U.S. Armed Forces in Europe. (Remarks, U.S. and NATO Armed Forces personnel, Ramstein AB, Ger, May 19, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 8:2-8 Aug '78
- U.S. reinforcement of AFCENT. WgComdr P. R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78
- Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78
- What DARCOM is doing about NATO interoperability. illus map Govt Exec 10:22-25 Mar '78

Costs

- How DOD's "year of the NATO budget" was slightly mauled by Congress. Armed Forces J Intl 116:14 Oct '78
- Huskier NATO heads '79 Defense priorities. Eric C. Ludvigsen. illus tabs Army 28:14-19 Mar '78
- Indices of NATO defense expenditure, current and constant prices. London's International Institute for Strategic Studies. Table only. AF Mag 61:124 Dec '78

Netherlands

- Defense in the Netherlands. Yves Robins and others. tabs illus NATO's Fifteen Nations 23:123+ Oct-Nov '78

New Zealand

- New Zealand's defence problems. Col Norman L. Dodd, Ret. illus map chart RUSI J for Def Studies 123:49-56 Jun '78

Norway

- Jan Mayen in Norwegian security policy. Ellmann Ellingsen. illus map NATO's Fifteen Nations 23: 62-64 Apr-May '78

DEFENSES - ContinuedRussia

Frontier sentinels. (Interview with LtGen I.P. Vertelko) illus Soviet Mil Rev No.5:12-14 May '78

Putting Soviet power in perspective. Les Aspin. tabs AEI Def Rev 2, No.3:2-14 '78

The Soviet Armed Forces. (Presentation, seminar sponsored by the Council on Foreign Relations and the Kennan Institute for Advanced Russian Studies, Washington, May 5, 1978) LtGen W.Y.Smith. tabs AF Plcy Ltr for Comdrs: Sup No.8:12-23 Aug '78

Soviet military report. Regular feature in some issues of Defense & Foreign Affairs Digest

The Soviet threat. Jack F.Kemp. tabs AEI Def Rev 2, No.3:15-36 '78

Costs

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

Soviet defence expenditure. tab AF Mag 61:69 Dec '78

U.S.-Soviet Military Posture. LtGen Ira C.Eaker, Ret. tab AF Times 38:13+ Feb 13 '78

Scandinavia

Scandinavia: The busy pivot between East and West. John Fullerton. illus Def & For Aff Dig 6, No.4: 4-8 '78

South Africa (Republic)

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

United States

An Air Force outlook. (Remarks, North Dakota Newspaper Assoc Convention, Minot, ND, April 21, 1978) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.6:2-8 Jun '78

The all-volunteer force: How effective for U.S. defense? Robin Beard. illus Natl Guardsman 32:6-7 Jul '78

The campaign of '78. Editorial. John L.Frisbee. AF Mag 61:6 Dec '78

A citizen looks at national defense. (Address, Cincinnati-Dayton joint ADPA meeting, May 1, 1978) Neil Armstrong. illus Natl Def 63:69-70 Sep-Oct '78

Combined arms weak links. Col Sidney S.Haszard, Ret. illus Natl Def 62:553-555+ May-Jun '78

The coming U.S. strategic debate. LtGen Daniel Graham. illus Def & For Aff Dig 6, No.3: 31-33+ '78

The cruise missile and the strategic balance. Robert Kennedy. illus Parameters 8:49-61 Mar '78

Defense highlights. Regular feature in issues of National Defense

Defense spending: Is the budget big enough? C.W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

Deterrence. (Remarks, New York Union League Club, New York, July 27, 1978) Gen Richard H.Ellis. AF Plcy Ltr for Comdrs: Sup No.10:2-8 Oct '78

DEFENSES - ContinuedUnited States - Cont'd

Farewell 'Posture Statement.' Gen George S.Brown. illus AF Mag 61:43-47 Oct '78

The first duty of government. (Remarks, American Legion National Convention, New Orleans, Aug 22, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.11:2-10 Nov '78

Food as a component of national defense strategy. Maj Jack A.Le Cuyer. illus Parameters 7, No.4:56-70 '77

In focus (formerly Focus on ...) Regular feature in issues of Air Force Magazine beginning with February 1978 issue

Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:29-31 Apr '78

Navy C3--an evolution. ADM Robert Long. illus Signal 32:22-25 Aug '78

Perspectives on FY 1979 Defense budget. (Presentation, Industrial Economics Seminar sponsored by Chase Econometric Associates, San Francisco, March 1, 1978) John A.Hewitt, Jr. tabs AF Plcy Ltr for Comdrs: Sup No.6:16-37 Jun '78

Sea role said more vital than air. AF Times 38:23 Jun 12 '78

The Soviet Armed Forces. (Presentation, seminar sponsored by the Council on Foreign Relations and the Kennan Institute for Advanced Russian Studies, Washington, May 5, 1978) LtGen W.Y.Smith. tabs AF Plcy Ltr for Comdrs: Sup No.8:12-23 Aug '78

A strategic blueprint for the '80s. (Strategic Air Command is adjusting its concepts of deterrence) Edgar Ulsamer. illus AF Mag 61:47-48+ Sep '78

Strategically your's. G.M.Bailly-Cowell. illus NATO's Fifteen Nations 22:104-109 Dec '77-Jan '78

Technology transfer: We're still selling them the rope. J.Fred Bucy. illus Govt Exec 10:37+ Sep '78

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs Digest

The U.S. posture in Asia and the Pacific: The view from CINCPAC. ADM Maurice F.Weisner. illus Strat Rev 6:41-47 Summer '78

Costs

The enemy is less easy to identify now. Interview. Edward R.Jayne II. illus Armed Forces J Intl 116:28+ Nov '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

Myths about the Defense budget. Francis P.Hoeber. tabs AU Rev 29:2-17 Sep-Oct '78

U.S.-Soviet Military Posture. LtGen Ira C.Eaker, Ret. tab AF Times 38:13+ Feb 13 '78

DEFENSES - ContinuedWarsaw Pact

Improving NATO's efficiency and getting the Alliance more resources. Interview. Gen Alexander M. Haig. illus Armed Forces J Intl 116:26-27+ Sep '78

DEFOLIATION

No health danger seen in defoliant (in Vietnam jungles). AF Times 39:28 Oct 30 '78

DEGREES, ACADEMIC

All about SOC (Servicemen's Opportunity Colleges). Janet Hake. illus Soldiers 33:28-31 Oct '78

Are grad schools (Naval Postgraduate School and AFIT) needed, asks Hill. AF Times 39:7 Aug 14 '78

DeHAVEN, Oren E.

Proper count message. MajGen Oren E. DeHaven. Army Log 10:2-5 Jul-Aug '78

Property accountability. MajGen Oren E. DeHaven. Air Def Mag, pp 34-36, Oct-Dec '78

DEL MAR, Henry R.

The industry/defense transportation team. (Excerpts from remarks, Seapower Symposium, San Francisco, March 3, 1978) MajGen H.R. Del Mar. Translog 9:6-8 Apr '78

PBEIST (Planning Board for European Inland Surface Transport)--making sure transportation systems work in wartime. MajGen H.R. Del Mar. por Def Trans J 34:12-14+ Apr '78

Total national transportation requirements. (Condensed from address, Defense Transportation Day luncheon, Washington, May 19, 1978) MajGen H.R. Del Mar. Translog 9: inside front cover + Jul '78

DELONGCHAMP, Robert D.

The big picture: The AFROTC line officer procurement and production process. Capt Robert D. Delongchamp. por Educ J 20:20-22 Spring '78

DEMOCRATIC REPUBLIC OF VIETNAM see Vietnam (Democratic Republic)DEMOLITION

See also
Underwater Demolition

Study and Teaching

Off-range demolition training. 2dLt Michael G. Mickalonis. illus Mil Engr 70:336-337 Sep-Oct '78

DENTAL CARE

Army dental care: The outlook. Sgt1C Matt Glasgow. illus Soldiers 33:13-14 Jul '78

Committee review of dental care. TIG Brief 30:19 Sep 8 '78

DOD again studying dental care program. AF Times 38:8 Apr 3 '78

DOD OKs CHAMPUS dental proposal. Richard C. Barnard. AF Times 38:6 Jun 5 '78

DENTAL CARE - Continued

Environmental safety in dental clinics. TIG Brief 30:11 Apr 14 '78

DENTAL CORPSAir Force

Dr shortage not periling level of care. Ron Sanders. AF Times 39:3 Oct 2 '78

447 (officers) win med/dental hikes. AF Times 39:18+ Dec 11 '78

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and BenefitsDEPENDENTS, MILITARY

See also
Children, Military
Wives, Military

DOD wants job protection for kin o'seas. AF Times 39:12 Aug 21 '78

Dependency determinations for parents and step-children. TIG Brief 30:22 Jan 6 '78

Dependent identification (ID) cards. TIG Brief 30:17 Aug 25 '78

Dependent key factor in who can get DLA (DisLocation Allowance). Randy Moore. AF Times 38:8 Jan 23 '78

Dependents' transportation entitlements. TIG Brief 30:14 Jul 7 '78

Family policy in the Armed Forces--an assessment. Hamilton I. McCubbin and others. illus AU Rev 29: 46-57 Sep-Oct '78

Impact seen as minimal if Jr EM travel OK'd. AF Times 38:22 Apr 24 '78

Jr EM family travel questioned. AF Times 38:25 Feb 27 '78

Lower ranks eye o'seas kin \$. AF Times 38:3 Jan 9 '78

Must the Services take care of everybody? (A 1stSgt's wife sounds off on 'unsponsored' dependents overseas) Patricia M. Bloebaum. illus AF Times, Times Magazine sup:6-10 May 29 '78

No travel \$\$ if kin returns to U.S. school. AF Times 38:42 May 1 '78

O'seas hiring opinion stalled; OK with AF. AF Times 38:33 Jun 5 '78

O'seas kin ceiling a question. AF Times 39:3 Nov 6 '78

Program cuts teenage (drug and alcohol) abuse. AF Times 38:30 Feb 27 '78

Report (by GAO) has bad news about kin evacuation. Tom Phillpott. AF Times 39:2 Nov 20 '78

(Rep Joseph P.) Addabbo against more kin in Europe. AF Times 38:29 Mar 13 '78

Ruling hits overseas jobs for kin. Randy Moore. AF Times 38:1+ Jul 10 '78

DEPLOYMENTAir Force

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 23:92-93+ Oct-Nov '78

DEPLOYMENT - ContinuedAir Force - Cont'd

Some hazards of deployment. Maj Hugh R. Gregory. illus Combat Crew 28:8-10+ Jul '78

Armed Forces

Reforger 77. MSgt Dick Larsen. illus NATO's Fifteen Nations 23:65-72 Feb-Mar '78

Reforger '77 ... a starring role. Art Covello. illus Air Reservist 29:17 Dec '77-Jan '78

Soviet airlift limited. AF Times 38:12 May 15 '78

U.S. ground forces: Inappropriate objectives, unacceptable costs. tabs Def Monitor 7; entire issue Nov '78

Army

Autumn Forge 78/Reforger. illus USA Avn Dig 24:7 Nov '78

17th Aviation Group (Combat). Capts Phillip L. Curtis and Craig E. Geis. illus map USA Avn Dig 24:20-22 Nov '78

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 23:92-93+ Oct-Nov '78

National Guard--Air Force

Coronet Snipe: The Air Guard in Norway. (A transatlantic deployment of RF-4 Phantoms to help test the ability of USAF--and ANG--to support NATO North) Capt Ed Tonini and LtCol Don Armstrong. illus Natl Guardsman 32:18-21+ Aug '78

OCONUS training--Air Guard style. Bruce P. Hargreaves. illus tabs Natl Guardsman 32:8-11 Jan '78

Reserve Forces--Air Force

(Deployment) 'our greatest challenge.' Maj P.J. Peterson. illus Air Reservist 29:6-7 Nov '77

DEPOT SYSTEM COMMAND see Army Depot System Command

DEPOTS, SUPPLYArmy

A perspective of DESCOM (DEpot System COMMAND). MajGen Robert L. Bergquist. illus tab Army Log 10:18-21 May-Jun '78

Navy

Military legacy--converting a military asset into a commercial bonanza: The story of the Clearfield Naval Supply Depot in Utah. Robert Baker. illus Def Trans J 34:14+ Feb '78

DEPUY, William E.

Are we ready for the future? Gen William E. DePuy, Ret. Army 28:22-29 Sep '78

DESERT OPERATIONS

Overdrink for survival. Maj D.L. Price. MarCor Gaz 62:24 Jun '78

Study and Teaching

Brave Shield 17. LtCol Donald W. Neal. illus Combat Crew 28:8-11 Jun '78

DESERTION, MILITARY

Absentia discharges ordered (for) deserters out 18 months. AF Times 38:4 Jun 26 '78

'Deserter' doctor (Leon T. Davis) gets \$2000 fine, dismissal. AF Times 39:8 Nov 20 '78

Deserters face 'in absentia' discharges. AF Times 38:14 May 22 '78

Desertion rate seen doubling (in Army study). Tom Philpott. AF Times 38:10 Jul 3 '78

FBI soon to stop handling deserter cases. Tom Philpott. AF Times 38:1+ Jan 1 '78

Investigative responsibility regarding deserters. TIG Brief 30:8 Nov 3 '78

More booty for bounty hunters finding deserters. AF Times 39:1+ Aug 28 '78

Return of absentees and deserters at other than the unit of assignment. TIG Brief 30:13 May 26 '78

DESIGN TO COST CONCEPT see Cost Control

DESTROYERS

The corvette makes a comeback. LCDR Robert J. Shade. illus US Nav Inst Proc 104:135-139 Nov '78

FFG-7: The concept and design. CAPT John D. Beecher. illus US Nav Inst Proc 104:148-150 Mar '78

From the Lupo to the Maestrale. Ugo Mazza. illus tab Intl Def Rev 11, No.5:748-752 '78

The German Navy's Type 122 general-purpose frigate. Udo Philipp. illus tab Intl Def Rev 11, No.4: 539-544 '78

Kortenaer/F-122: A "standard" frigate for NATO navies. Ezio Bonsignore. illus tab US Nav Inst Proc 104:154-158 Nov '78

The LAMPShip team. LCDR R.E. Hammond and LT Pat Tierney. illus US Nav Inst Proc 104:154-158 Mar '78

The Navy's newest ship: FFG-7. CDR Stephen J. Duich. illus US Nav Inst Proc 104:150-153 Mar '78

Nicholson (DD-982), Nassau (LHA-4) are christened. illus MarCor Gaz 62:6 Mar '78

A real opportunity to modernize. CAPT A.M. Osborne. illus US Nav Inst Proc 104:131-132 Mar '78

The Royal Netherlands Navy's standard frigate. Capt F. de Blocq van Kuffeler, Ret. illus tabs Intl Def Rev 11, No.4:520-524 '78

Seagoing guinea pigs. (Four Mitscher-class destroyers which served as naval laboratories) illus US Nav Inst Proc 104:74-83 Jun '78

U.S. Navy ship design. Jan W. Snouck-Hurgronje. illus tab Natl Def 63:34-38 Nov-Dec '78

United States Ship Oliver Hazard Perry, Guided Missile Frigate Seven. Pictorial. US Nav Inst Proc 104:68-75 Mar '78

DETECTION EQUIPMENT

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No.8:1275-1276 '78

DETECTION EQUIPMENT - Continued

- DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78
- Foliage penetration radar--battlefield surveillance solution. Maj Richard A. O'Neil. illus Signal 33: 37-38+ Oct '78
- Getting ready for chemical warfare. Maj J.L. Bilodeau and 2dLt J.P. Johnston. tab MarCor Gaz 62:16-18 Aug '78
- How SNOTEL (SNOW TELEmetry) could help solve several government problems. Govt Exec 10:25+ Dec '78
- How to improve intrusion detection sensor reliability. TIG Brief 30:22 Jul 7 '78
- Internal security--some recent equipment from the UK. illus tabs Intl Def Rev 11, No.8:1302-1306 '78
- METEX and FEREX--state-of-the-art hand-held mine detectors. Hanns Peter Trinkaus. illus Intl Def Rev 11, No.9:1482-1484 '78
- New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78
- Smoke detectors: Do they work? TIG Brief 30:10 Apr 28 '78
- Technical security checklist. TIG Brief 30:4 May 26 '78
- The USAF's PLSS (Precision Location/Strike System) program. Gowri S. Sundaram. illus Intl Def Rev 11, No.9:1440-1441 '78
- U.S. Coast Guard remote sensing techniques. LCDR Dennis R. Freezer. illus tab Signal 33:16-18+ Oct '78
- The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77; pt 3, Influence on tactics and strategy. 10:1062-1066 Dec '77

DETENTE

- Concern about SALT: Detente at the expense of security? Wolfram von Raven. illus NATO's Fifteen Nations 23:65+ Jun-Jul '78
- Detente and deterrence: From Kissinger to Carter. Keith A. Dunn. illus Parameters 7, No.4:46-55 '77
- Detente then and now. Steven Ross. illus Nav War Col Rev 31:35-47 Fall '78
- European security: The prospect of change. Lawrence Freedman. RUSI J for Def Studies 123:20-26 Mar '78
- The liberation struggle in the context of detente. Col Ye. Dolgoplov. Soviet Mil Rev No.3:52-54 Mar '78
- The new internationalisms. Michael Mandelbaum and William Schneider. Intl Sec 2:81-98 Winter '78
- Propaganda myths of the opponents of detente. Col A. Migolatyev. Soviet Mil Rev No.11:51-53 Nov '78
- The Russians aren't coming ... they're here! MajGen J. Milnor Roberts. illus Officer 54:20-23 Jun '78

DETENTE - Continued

- Soviet strategy in the 1970's and beyond. Robert H. Donaldson. illus Parameters 8:62-71 Mar '78
- Who is holding up detente? Capt T. Belashchenko. Soviet Mil Rev No.5:46-47 May '78

DETERRENCE

- Achilles heel of the deterrence triad. Maj Elbert C. Black III. illus tabs Mil Rev 58:46-53 Apr '78
- Airpower--NATO's foremost deterrent. Edgar Ul-samer. illus AF Mag 61:24-30 Apr '78
- Arms control and gray-area systems. Jack H. Harris and William D. Bajusz. illus AF Mag 61:36-39 Feb '78
- Balance of power. Harold Brown. illus Command 1: entire issue Sep '78
- Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78
- The chimera of mutual deterrence. John Erickson. illus Strat Rev 6:11-17 Spring '78
- Detente and deterrence: From Kissinger to Carter. Keith A. Dunn. illus Parameters 7, No.4:46-55 '77
- Deterrence. (Remarks, New York Union League Club, New York, July 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.10:2-8 Oct '78
- The development of nuclear strategy. Bernard Brodie. Intl Sec 2:65-83 Spring '78
- Does the Army have a future? Deterrence and civil-military relations in the post-Vietnam era. LtCol Alfred H. Paddock, Jr. illus Parameters 8:51-57 Sep '78
- End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78
- Farewell 'Posture Statement.' Gen George S. Brown. illus AF Mag 61:43-47 Oct '78
- The first duty of government. (Remarks, American Legion National Convention, New Orleans, Aug 22, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.11:2-10 Nov '78
- The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No.1:2-12 '78
- How DOD maintains strategic deterrence through technology. William J. Perry. illus Command 1: entire issue Aug '78
- In-flight refuelling: A key to operational effectiveness. Alvin Perrin. illus map Intl Def Rev 11, No.4:565-568 '78
- Kamchatka: Nonnuclear deterrent. Col William V. Kennedy. illus map Mil Rev 58:12-18 Aug '78
- Logistics for readiness. (Remarks, Mobile Chapter, Air Force Assoc, Mobile, Ala, May 18, 1978) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No.8: 34-40 Aug '78
- Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No.4:29-31 Apr '78
- Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L. Garthoff. Intl Sec 3: 112-147 Summer '78

DETERRENCE - Continued

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

NATO--on the road toward a 'coalition warfare' posture. (Report on Air Force Association's National Symposium on "Theater Deterrence for the '80s") Edgar Ulsamer, illus AF Mag 61:50-56 Jan '78

NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Welsner, chart map illus Signal 32: 7-11 Feb '78

Peace through total force readiness. (Remarks, Armed Forces Day luncheon, Harrisburg, Pa, May 18, 1978) LtGen Abbott C. Greenleaf, AF Ploy Ltr for Comdrs: Sup No. 8:24-33 Aug '78

The place of maritime strength in the strategy of deterrence. George R. Lindsey, illus Nav War Col Rev 30:26-33 Spring '78

Professionalism in transition: The officer corps in the age of deterrence. LtCol Thomas A. Fabyanic, AU Rev 29:38-45 Sep-Oct '78

Repeating history: The civil defense debate renewed. William H. Kincade, tabs Intl Sec 2:99-120 Winter '78

Report to the 95th Congress. (Statement to the House Armed Services Committee, Feb 7, 1978) John C. Stetson and Gen David C. Jones, tabs AF Ploy Ltr for Comdrs: Sup No. 4:2-19 Apr '78

SALT: A gloomy future. Ben T. Plymale and Thomas P. Rona, AF Mag 61:64-69 Oct '78

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret, illus map Intl Def Rev 11, No. 4:509-514 '78

Strategic deterrence and the cruise missile. LCDR Edward J. Ohlert, illus tab Nav War Col Rev 30: 21-32 Winter '78

Strategically your's. G. M. Bailly-Cowell, illus NATO's Fifteen Nations 22:104-109 Dec '77-Jan '78

Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer, illus AF Mag 61: 28-35 Feb '78

Summary of DOD annual report. (Presented before House Armed Services Committee, Washington, Feb 2, 1978) Harold Brown, AF Ploy Ltr for Comdrs: Sup No. 4:20-28 Apr '78

Survivable ICBMs. William Schneider, Jr, illus tabs map Strat Rev 6:13-28 Fall '78

Technological innovation, SALT, and stable deterrence. Glenn W. Goodman, Jr, illus AU Rev 29: 22-30 May-Jun '78

Three powers--two oceans. Charles Burton Marshall, illus Nav War Col Rev 30:9-20 Winter '78

The U.S.-USSR balance. (Remarks, Commonwealth Club of California, San Francisco, June 23, 1978) Harold Brown, AF Ploy Ltr for Comdrs: Sup No. 9:2-10 Sep '78

War reserves--stockpiles for defense. Steven Roman, illus tab Army Log 10:26-29 Jan-Feb '78

DETERRENCE - Continued

What if SALT II falls? Gen Maxwell D. Taylor, Ret. AEI Def Rev 2, No. 4:15-23 '78

What the United States needs to maintain security. Col Robert D. Heintz, Jr, Ret, illus Sea Power 21: 13-14 Jul '78

DIESEL ENGINES

Army's new diesel fuel self-extinguishes in accidental fires. Armed Forces J Intl 115:16 Aug '78

Gas turbines or diesels for tanks? R. M. Ogorkiewicz, illus tabs Intl Def Rev 11, No. 6:913-916 '78

Rolls-Royce CV diesels--a commercial range with high output for fighting vehicles. illus tab Intl Def Rev 11, No. 4:593-596 '78

DIGITAL COMMUNICATIONS see Digital EquipmentDIGITAL EQUIPMENTSee also

Data Transmission Systems

(Advanced version of U.S. Navy's Phoenix under development) Signal 32:67 Apr '78

Airline radio communications move into the digital era. Ivor Hughes, illus tab Interavia 33:651-654 Jul '78

Applications for airborne digital communications. Nicholas P. Janus and others, illus Signal 33:23-29 Sep '78

Battlefield fire control system. B. H. L. Blake, illus Mil Elect/Countermeasures 3:54-56 Dec '77-Jan '78

(Contract to expand and provide all digital communications to NICS) Signal 33:78 Sep '78

DAIS (Digital Avionics Information System). illus Mil Elect/Countermeasures 4:62-63 Jul '78

DISCON--the Australian Defence Integrated Secure Communications Network for the 1980's. I. H. Maggs, illus map tabs Signal 32:21-25 Feb '78

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall, illus map chart Govt Exec 10:15+ Jun '78

Engine automation--British companies continue to advance. Dan Boyle, illus Interavia 33:195-198 Mar '78

Microprogrammed emulation helps solve difficult design problems. Kenneth J. Thurber, illus tabs Elect Warfare/Def Elect 10:93-95+ Mar '78

New directions, trends, requirements and technology in C⁴, illus Signal 32:30-34+ May-Jun '78

(New telephone switching system for command posts) Signal 33:82 Oct '78

Radar training--the digital mandate. R. A. Heartz, illus Mil Elect/Countermeasures 4:57-59+ Oct '78

A revolution in tactical data reporting. R. B. Pengelley, illus Intl Def Rev 11, No. 4:614-616 '78

Satellite \$: Saving by 'line of sight.' (RADC's Digital Communications Experimental Facility) AF Times 38:31 Apr 3 '78

DIGITAL EQUIPMENT - Continued

The USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri Sundaram. illus Intl Def Rev 11, No.7:1113-1114 '78

DINGES, Edward A.

New AC (Field Artillery School Assistant Commandant). por Fld Arty J 46:3 Sep-Oct '78

DINNEEN, Gerald P.

C3I: An overview. Gerald P. Dinneen. por Signal 33: 10-13 Nov-Dec '78

DIPLOMACY

Good neighbor! Jim MacMaster. illus map Air Reservist 29:15 Mar '78

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

DIRECTION-FINDING EQUIPMENT

Soviets deploy new jamming gear. Harry F. Eustace. map Elect Warfare/Def Elect 10:26 May '78

Understanding DF accuracy of radar warning receivers. Stephen E. Lipsky. illus tabs Elect Warfare/Def Elect 10:65-67+ Apr '78

VHF/UHF direction-finding in air traffic control. Franz Reinhold Huber. illus Interavia 33:146-147 Feb '78

DIRECTIVES

Tour rules--main changes. (Defense Directive 1315.7) tab AF Times 38:8+ Jan 16 '78

DISARMAMENT

Britain and the United Nations Special Session on Disarmament. Roy Dean. RUSI J for Def Studies 123: 45-48 Jun '78

Burning problem (disarmament). LtCol V. Amelchenko. Soviet Mil Rev No.8:50-51 Aug '78

Disarmament at the crossroads. Louis B. Sohn. Intl Sec 2:4-31 Spring '78

Disarmament, the ideal of socialism. N. Podolsky. Soviet Mil Rev No.7:50-52 Jul '78

Inchoate aspirations for world order change. Tariq Osman Hyder. Intl Sec 2:56-64 Spring '78

Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRoque. tabs Def Monitor 7: entire issue Jul '78

A strategy for the United States. Lincoln P. Bloomfield and Harlan Cleveland. Intl Sec 2:32-55 Spring '78

United Nations Special Session on Disarmament. (Interview with Paul Newman, U.S. delegate, and RADM Gene R. LaRoque, Ret) illus Def Monitor 7:1-5 Aug '78

History

Disarmament: Thirty years of failure. Wayland Young. Intl Sec 2:33-50 Winter '78

DISASTER CONTROL

NATO and disaster relief. Hugh Hanning. illus RUSI J for Def Studies 122:31-34 Dec '77

DISASTERS

See also
Hurricanes
Tornadoes
Typhoons

Airlift assistance to Rhode Island. (Statement before Senate Regional and Community Development Subcommittee, March 7, 1978) MajGen Edward J. Nash. AF Ploy Ltr for Comdrs: Sup No.5:28-32 May '78

997th Arizona National Guard. Sgt Phil Andrews. illus USA Avn Dig 24:7-9 Oct '78

The blizzard of '78: Guardsmen aid battle for survival in 21 storm-battered northeastern states. illus Natl Guardsman 32:2-13+ Apr '78

Fire and water: Activated Guardsmen use one to combat the other during summer and autumn call-ups. illus Natl Guardsman 32:2-6 Jan '78

Let's get it straight about those dams! Ralph B. Peck. illus Mil Engr 70:20-23 Jan-Feb '78

A lifeline for Lester (Wash). Capt Ronald Mikulski. illus Air Reservist 29:16-17 Mar '78

MOBDES (MOBilization DESignee) ... ready when needed. Capt Jerry R. Stringer. illus Air Reservist 30:9 Oct '78

NATO and disaster relief. Hugh Hanning. illus RUSI J for Def Studies 122:31-34 Dec '77

Neither snow nor wind nor gloom of night... illus Air Reservist 30:12-14 Apr '78

Snow Blow II. (Boston is helped by AF and Army during record snowstorms) illus Airman 22:30-35 Apr '78

The state mission (Guardsmen serve their states and communities). Sgt Phil Andrews and MSgt William Tuning. illus Natl Guardsman 32:12-14 May '78

Writing the epilogue. (Aviano AB, Italy, sees good results from earthquake aid) Airman 22:49 May '78

DISCHARGES, RELEASES AND SEPARATIONS

See also
Reduction in Force
Retirement

Air Force

AF sees no savings in up-or-out freeze. M. L. Craver. AF Times 39:4 Aug 28 '78

DOS (Date Of Separation) extension OK'd for officers. M. L. Craver. AF Times 38:4 Feb 27 '78

832 discharged for weight. AF Times 38:27 Apr 10 '78

Ex-TSgt Leonard Matlovich: The homosexual serviceman is still fighting. illus AF Times, Times Magazine sup:14-15 Feb 20 '78

Force-out freeze a shock. AF Times 38:3 Jul 3 '78

If nonselection means exit, notice must be in writing. M. L. Craver. AF Times 38:39 May 8 '78

More officers eligible for seven-day option. AF Times 38:7 Apr 24 '78

New EM early outs--1st termers in 80 skills can apply. Bruce Callander. AF Times 38:1+ Jun 26 '78

DISCHARGES, RELEASES, AND SEPARATIONS - Continued

Air Force - Cont'd

Reporting threats against the President and other key U.S. government officials. TIG Brief 30:6 Mar 31 '78

Separations reg reflects CMA's sanity definition. AF Times 38:32 Jan 23 '78

Up-or-out: A perspective. LtCol Robert O. Heavner. illus AU Rev 29:54-58 Jul-Aug '78

Up-or-out freeze worries officials. AF Times 39:8 Aug 21 '78

Armed Forces

Absentia discharges ordered (for) deserters out 18 months. AF Times 38:4 Jun 26 '78

Align discharge regs, Defense study urges. Tom Philpott. AF Times 39:8 Sep 18 '78

DOD balks at freeze on up-or-out. Andy Plattner. AF Times 39:4 Aug 14 '78

Deserters face 'in absentia' discharges. AF Times 38:14 May 22 '78

GAO wants to end 'in lieu' discharges. Tom Philpott. AF Times 38:1+ May 15 '78

(Military) boards must tell why in all review cases. M. L. Craver. AF Times 38:4 May 1 '78

Panel (President's Commission on Military Compensation): End 20-year outs. Tom Philpott. AF Times 38:3 Jan 16 '78

2d discharge review on (to determine eligibility for veterans benefits). AF Times 38:8 Apr 17 '78

Separation report will be revised. AF Times 39:23 Aug 21 '78

Steps taken to tighten leave. Tom Philpott. AF Times 39:3 Oct 16 '78

Army

Credit where it's due: Army on-job skills. (Army Skill Recognition Program) Steve Abbott. illus Soldiers 33:27-30 Sep '78

Desertion rate seen doubling (in Army study). Tom Philpott. AF Times 38:10 Jul 3 '78

Your last day in the Army. Sgt1C Matt Glasgow. illus Soldiers 33:15-17 Jul '78

DISCIPLINE, MILITARY

Civilian discipline and appeal activity. TIG Brief 30:11-12 Dec 1 '78

Cooperate and survive. Col Ruel J. Neeley. illus MAC Flyer 25:3-4 Oct '78

Creative approach to discipline. TIG Brief 30:3 Feb 17 '78

Some thoughts on strong discipline. Mark Littwin. MarCor Gaz 62:16-17 Jun '78

Subtle breakdown of discipline. Maj Dwayne M. Shackleton. Interceptor 20:15 Sep '78

Violations of flight discipline cause mishaps. TIG Brief 30:8 Mar 3 '78

DISEASES

Asbestos health hazards. TIG Brief 30:18 Nov 17 '78

Caution advised in asbestos use. AF Times 39:4 Nov 27 '78

Effect of ozone variation on disease in Great Britain. II: Femoral neck fracture. J. F. Leach and others. tabs Aviation, Space & Envmt Med 49:1014-1018 Aug '78

Freedom to breathe. Capt Warren S. Lacy. illus Soldiers 33:12-16 Dec '78

Housekeeping and infection control. TIG Brief 30:13 Oct 20 '78

M(ultiple) s(clerosis) victim (LtCol Philip H. Baker, Ret) hurt by CHAMPUS switch. Richard C. Barnard. AF Times 39:6 Dec 18 '78

Operation of a zoonosis control clinic. TIG Brief 30:19 Jul 21 '78

That common summer cold, what's going on? USA Avn Dig 24:16 Jun '78

DISLOCATION ALLOWANCES

Dependent key factor in who can get DLA (DisLocation Allowance). Randy Moore. AF Times 38:8 Jan 23 '78

DISPERSAL, MILITARY

Defense dollars and the "frostbelt coalition." Bob Gatty. tabs maps Army 28:35-37 May '78

NATO's dispersal capability--a fatal flaw? WgComdr Peter P. W. Taylor. illus Royal Air Forces Qtr pt 1, 18:11-17 Spring '78; pt 2, 18:173-178 Summer '78

DISPLAY SYSTEMS

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No. 8:1275-1276 '78

Eyeball HUD: New capability added to Army helmet display. illus Elect Warfare/Def Elect 10:31-32 Aug '78

Laser powered large screen projector. J. Philip Geddes. illus Intl Def Rev 11, No. 1:46-47 '78

Modular radar display units: Versatility in air defence and ATC applications. R. Harnisch and others. illus Interavia 33:54-57 Jan '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

Radar training--the digital mandate. R. A. Heartz. illus Mil Elect/Countermeasures 4:57-59+ Oct '78

DISSENTERS

Elite disunity and collective protest: The Vietnam case. Michael G. Burton. J Pol & Mil Sociol 5: 169-183 Fall '77

DISTANT EARLY WARNING SYSTEMS

Remote tour stateside (689th Radar Sq, Mount Hebo AFS, Oreg). Inconvenience, yes. Hardship? Not really. Marianne Lester. illus AF Times, Times Magazine sup:6-11 Sep 18 '78

DIVERS AND DIVING

Diving experience and emotional factors related to the psychomotor effects of nitrogen narcosis. Robert J. Biersner and others. tabs Aviation, Space & Envmt Med 49:959-962 Aug '78

Effect of long-term hyperbaric stress on ammonia metabolism in humans. Sara C. Gilman and others. tab Aviation, Space & Envmt Med 49:1093-1094 Sep '78

Quantifying fatigue in working divers. C. Lemaire and others. illus tab Aviation, Space & Envmt Med 49:1160-1167 Oct '78

DIVORCE see Marriage and Divorce

DIXON, Robert J.

(Gen Robert J.) Dixon: Thoughts at a retirement. Bruce Callander. por AF Times 38:23 May 1 '78

TAC-TRADOC dialogue. Gen Robert J. Dixon. por Strat Rev 6:45-54 Winter '78

DOCTORS see Physicians

DOCTRINE

Arthur L. Wagner: Doctrine and lessons from the past. Maj Michael D. Krause. illus Mil Rev 58:53-59 Nov '78

Study and Teaching

Battle staff officer qualification. Maj Edwin S. Stone III. illus Mil Rev 58:17-19 Apr '78

On writing and fighting: A comparative analysis of the process. Col John C. Gazlay. illus Mil Rev 58:42-52 May '78

Air Force--PolandHistory

The operational doctrine of the Polish Air Force in World War II: A thirty-year perspective. Michael A. Peszke. illus chart Aerosp Hist 23:140-147 Sep '76; Rebuttal: The truth about the operational doctrine of the Polish Air Force. Jerzy B. Cynk. Aerosp Hist 25:176-182 Sep '78

Air Force--U. S.

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

Armed Forces--Israel

Israel's defense doctrine: Background and dynamics. MajGen Israel Tal. illus Mil Rev 58:22-37 Mar '78

Armed Forces--NATO

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Nuclear weapons in NATO strategy. Colin S. Gray. NATO's Fifteen Nations 23:82-83+ Feb-Mar '78

The shifting theater nuclear balance in Europe. AVM Stewart W. B. Menaul. illus tabs Strat Rev 6:34-45 Fall '78

DOCTRINE - ContinuedArmed Forces--Russia

The battlefield threat: Soviet concepts, doctrine and strategy. Maj John P. Rose. illus Air Def Mag, pp 24-29, Jul-Sep '78

The chimera of mutual deterrence. John Erickson. illus Strat Rev 6:11-17 Spring '78

Contrasts in American and Soviet strategic thought. Fritz W. Ermarth. Intl Sec 3:138-155 Fall '78

End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78

The ground forces in Soviet military policy. John Erickson. illus map Strat Rev 6:64-79 Winter '78

Marxist-Leninist doctrine on war and the Army. ColGen G. V. Sredin. illus Soviet Mil Rev No. 1:18-21+ Jan '78

Marxist-Leninist training of officers. Col V. Zhuravel. illus Soviet Mil Rev No. 6:30-31 Jun '78

More dilemmas in studying Soviet tactics. LtCol George F. Steger. illus Mil Rev 58:88-96 Feb '78

The resurgence of Soviet frontal aviation. LtCol Lynn M. Hansen. illus Strat Rev 6:71-81 Fall '78

The shifting theater nuclear balance in Europe. AVM Stewart W. B. Menaul. illus tabs Strat Rev 6:34-45 Fall '78

Soviet General Purpose Forces. William Schneider, Jr. (Condensed from Orbis, Spring 1977) illus tab Mil Rev 58:25-34 Jan '78

The Soviet threat. Jack F. Kemp. tabs AEI Def Rev 2, No. 3:15-36 '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

Armed Forces--U. S.

The chimera of mutual deterrence. John Erickson. illus Strat Rev 6:11-17 Spring '78

Contrasts in American and Soviet strategic thought. Fritz W. Ermarth. Intl Sec 3:138-155 Fall '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

Armed Forces--Warsaw Pact

The Warsaw Pact's military doctrine. Richard Dana. illus Def & For Aff Dig 6, No. 9:60-61 '78

Army--U. S.

FM 100-5. Gen Donn A. Starry. illus Mil Rev 58:2-11 Aug '78

Large-unit operational doctrine. Maj Paul E. Cate. illus Mil Rev 58:40-47 Dec '78

Mass--not volume. LtCol Ernest B. Dublisky, Ret and Maj Richard D. Moyer. Fld Arty J 46:8-14 May-Jun '78

The new FM 100-5 ("Operations"): A view from the ivory tower. Archer Jones. illus Mil Rev 58:27-36 Feb '78

On writing and fighting: A comparative analysis of the process. Col John C. Gazlay. illus Mil Rev 58:42-52 May '78

DOCTRINE - ContinuedArmy--U.S. - Cont'd

Special Operations Forces: Not applicable? Maj David C. Schlachter and Fred J. Stubbs. illus Mil Rev 58:15-26 Feb '78

To win the first battle. Maj Floyd V. Churchill. illus Mil Rev 58:60-69 Nov '78

Marine Corps--U.S.

Concepts, doctrine and studies: A cohesive force for R&D. LtCol J. C. Byram, Jr. MarCor Gaz 62: 24-25 Mar '78

Developing doctrine for the MAGTF (Marine Air-Ground Task Forces). LtCol N. H. Vreeland. MarCor Gaz 62:57-58 Mar '78

USMC needs effective EW systems. MajGen John H. Miller. MarCor Gaz 62:14+ Aug '78

Russia

Are the Soviets and SALT compatible? Harvey A. DeWeerd. illus Army 28:30-32 Nov '78

SALT and Soviet nuclear doctrine. Stanley Sienkiewicz. Intl Sec 2:84-100 Spring '78

United States

Repeating history: The civil defense debate renewed. William H. Kincade. tabs Intl Sec 2:99-120 Winter '78

DODDS, Joseph B.

Air Force Audit Agency. por AF Mag 61:94 May '78

Auditor General. BrigGen Joseph B. Dodds. por AF Compt 12:36-37 Oct '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 12:34-35 Jan '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 12:30-31 Apr '78

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 12:40-41 Jul '78

DOGS

Dogs to lose docs under (SecDef) Brown plan. Ron Sanders. AF Times 39:10 Aug 14 '78

A hairy affair. LtCol Saul Lavisky, Ret. Army 28: 49-50 Sep '78

SPs can use dogs to sniff out cars. AF Times 39:4 Oct 9 '78

DOMESTIC ACTION PROGRAM see Defense Community Service ProgramDOMINICAN CRISIS, 1965

1965 intervention in Dominican Republic: A successful military power application? Maj James K. McCollum, Ret. illus map Officer 54:16-18 Jul '78

DOOLITTLE, James H.

(LtGen James) Doolittle to keynote AFA convention. AF Times 39:12 Sep 18 '78

DOUCET, Richard M.

Graphic rating scales for speaking and writing. LtCol Henry F. Lippincott, Jr and others. por Educ J 20:27-34 Spring '78

DOUHET, Giulio

Command of the air: Command of space? E. M. Fitzgerald. RUSI J for Def Studies 122:45-52 Dec '77

DOYLE, David K.

Scouts out. BrigGen David K. Doyle and Maj William V. Chiaramonte. Armor 87:30-34 Sep-Oct '78

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. (Reprinted from Armor, Nov-Dec 1977) USA Avn Dig 24:30-36 Jan '78

DOYLE, James H., Jr

The surface Navy: Meeting the challenge. VADM James H. Doyle, Jr. por US Nav Inst Proc 104:34-35 Mar '78

DRAFT, MILITARY see Military Service, CompulsoryDREDGING

American dredging: The turning point. John M. Edlinger. illus Mil Engr 70:388-391 Nov-Dec '78

Dredging: A vital but troubled industry. Thomas M. Turner. illus Mil Engr 70:405-407 Nov-Dec '78

Dredging the nation's waterways: A big job for industry and the Army Corps of Engineers. MajGen Charles I. McGinnis. illus tab Mil Engr 70:402-404 Nov-Dec '78

DRIESSNACK, Hans H.

FY '79 Air Force budget in brief. MajGen Hans H. Driessnack. por AF Compt 12:3-6 Apr '78

The new Comptroller of the Air Force. Lt General Hans H. Driessnack. AF Compt 12:3 Jul '78

Notes from the Director of Budget. MajGen Hans H. Driessnack. por AF Compt 12:26-27 Apr '78

Notes from the Director of Budget. MajGen Hans H. Driessnack. por AF Compt 12:22-23 Jul '78

Notes from the Director of Budget (women analysts in the Directorate of Budget). MajGen Hans H. Driessnack. por AF Compt 12:6-7 Jan '78

Where ZBB is heading. MajGen Hans H. Driessnack. por Armed Forces Compt 23:4-7 Feb '78

Zero base budgeting--a critique. (Remarks, American Society of Military Comptrollers, Fort Myer, Va, Jan 18, 1978) MajGen Hans H. Driessnack. AF Plcy Ltr for Comdrs: Sup No. 4:32-37 Apr '78

DRILL

A day in the life of a drill sergeant. Sgt1C Matt Glasgow. illus Soldiers 33:6-14 Aug '78

Drill and Ceremonies. (AFM 50-14) TIG Brief 30:16 Jan 6 '78

The drill sergeant. Capt Gardner M. Nason. illus Infantry 68:34-37 Mar-Apr '78

Hill committee (House Appropriations Committee) limits number of drills Reservists can miss. AF Times 39:22 Aug 21 '78

DRONESSee also

Remotely Piloted Vehicles
Targets, Aerial

DRONES - Continued

Air Force develops mini-RPV: Engineers at WPAFB (Air Force Flight Dynamics) Laboratory hail potential of pilotless kamikaze plane under development. (Interview with Maj Walter S. Hoy, Ret) Jack Jones. illus Remotely Piloted Mag 6:16-17 Jan '78

Air Force, Navy pushing harassment drones. Frank J. Moncrief. illus Elect Warfare/Def Elect 10:39-40+ Sep '78

Drones keep F-4 pilots combat-tuned. Luisa C. Bailey. illus AF Times 38:50 Jul 24 '78

Harassment drone: A USAF/U.S. Army program. Murry Shohat. Mll Elect/Countermeasures 4:32-33 Aug '78

High speed intelligence for the divisional commander. Patrick Meunier. illus NATO's Fifteen Nations 22: 90-91+ Oct-Nov '77

Hot weather drone recovery. TIG Brief 30:10 Jun 23 '78

Rare Interstate bomber (TDR-1 pilotless assault drone) flies again. Thomas E. Lowe. illus Am Avn Hist Soc J 22:308-311 Winter '77

DRUG ADDICTSRehabilitationSee also

Rehabilitation

AFLC program aimed at civilian drinkers. AF Times 38:12 Mar 6 '78

The big step. (Army's Alcoholism Treatment Facility, Stuttgart, Ger) Marlon Corrdry. illus Army 28:24-28 Nov '78

Broad approach seen for alcohol abuse program. AF Times 39:29 Oct 9 '78

Civilians needing help (with alcohol-related problems) seen increasing. AF Times 38:30 Feb 27 '78

Commanders testifying (on) drugs in Germany. AF Times 39:7 Nov 27 '78

Drug abuse and control in the Armed Forces. Charles W. Duncan, Jr. illus Command 1: entire issue Oct '78

Drug abuse in the military. (Statement before the House Select Committee on Narcotics Abuse and Control, Washington, July 27, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 10: 9-15 Oct '78

Privacy assured for people getting drug or drink help. AF Times 39:25 Oct 16 '78

SAC starts rigorous drug rehab. Randy Moore. AF Times 39:4 Sep 11 '78

Unauthorized disclosure of drug and alcohol abuse rehabilitation information. TIG Brief 30:15 Nov 3 '78

DRUGS

AWACS will help fight drug traffic. AF Times 38:27 Apr 10 '78

Berlin (Task) Force to fight drug abuse. AF Times 39:46 Aug 14 '78

DRUGS - Continued

The Coast Guard goes to 'war': The Coasties play Elliot Ness in the battle against dope. Marianne Lester. illus AF Times, Times Magazine sup: 4-10 May 1 '78

Commanders testifying (on) drugs in Germany. AF Times 39:7 Nov 27 '78

Court of Appeals upholds room search without warrant. AF Times 38:24 May 1 '78

Darvon/alcohol warning issued. AF Times 38:7 Jun 12 '78

Detection of drugs: An accurate science. illus AF Times 39:53 Oct 30 '78

Drivers using pot: Test eyed. AF Times 38:8 Jun 26 '78

Drug abuse and control in the Armed Forces. Charles W. Duncan, Jr. illus Command 1: entire issue Oct '78

Drug abuse in the military. (Statement before the House Select Committee on Narcotics Abuse and Control, Washington, July 27, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 10: 9-15 Oct '78

Drug and Alcohol Abuse Control Committee (DAACC). TIG Brief 30:21 Aug 4 '78

Drug and alcohol testing of individuals involved in ground mishaps. TIG Brief 30:19 Oct 20 '78

Drug data called distorted. Richard C. Barnard. AF Times 38:3+ Jul 10 '78

Drug help focuses on women. AF Times 39:6 Aug 21 '78

Drug reg (AFR 30-2) to weed out marginal users. AF Times 38:16 Apr 10 '78

Heroin use heavy o'seas: East Germany's a 'silent partner.' AF Times 38:6 Jun 19 '78

New drug fight drafted by DOD. Randy Moore. AF Times 39:6 Oct 2 '78

OSI methods being checked: Buckley (ANGB, Colo) drug case. AF Times 38:10 Apr 17 '78

Pills, potions, and pilots--a delicate balance. Col David J. Gelgerman. (Adapted from Rotor & Wing, Sep 1977) illus tabs USA Avn Dig 24:20-23 Jan '78

Pleadings and practice under United States v Alef. Capt Richard R. James. illus AF Law Rev 20, No. 1:22-47 '78

Program cuts teenage (drug and alcohol) abuse. AF Times 38:30 Feb 27 '78

Propoxyphene: A safe analgesic? TIG Brief 30:17 Feb 17 '78

SPs can use dogs to sniff out cars. AF Times 39:4 Oct 9 '78

Self-medication (again). TIG Brief 30:15-16 Mar 31 '78

Substantial increase of drugs in troops' testing indicated. AF Times 39:7 Nov 27 '78

Urinalysis program management. TIG Brief 30:15-16 Sep 8 '78

DRUGS - Continued

What's a little marijuana among officers? Plenty!
AF Times 38:9 Jun 26 '78

White House wants random drug tests. Andy Plattner.
AF Times 38:2 May 8 '78

DUAL-BASING see Deployment

DUAL COMPENSATION

Dual-comp ceiling seems assured. AF Times 39:6
Oct 16 '78

Dual-comp limits take effect Jan 11. AF Times 39:2
Oct 30 '78

Hill panel (Subcommittee on Investigations of the
House Post Office and Civil Service Committee)
would ban dual comp. AF Times 38:39 Apr 24 '78

New dual comp exempts some. AF Times 39:8
Nov 13 '78

Panel (House Post Office and Civil Service Commit-
tee) asks change in dual-comp limit. AF Times
38:8 Jul 24 '78

Report outlining 'double dipping' not fair picture.
Bruce Callander. tab AF Times 38:7 May 1 '78

Retired 'Reg' officers renew fight on dual comp.
M.L.Craver. AF Times 38:1+ May 29 '78

DUNCAN, Charles W., Jr

Defense and the Panama Canal. (Remarks, Rotary
Club, Charleston, SC, Jan 17, 1978) Charles W.
Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No.3:
15-18 Mar '78

Defense's streamlined acquisition program. Charles
W.Duncan, Jr. por Comdrs Dig 21:2-11
May 18 '78

DUNCAN, Charles W., Jr - Continued

Drug abuse and control in the Armed Forces. Charles
W.Duncan, Jr. Command 1: entire issue Oct '78

Drug abuse in the military. (Statement before the
House Select Committee on Narcotics Abuse and
Control, Washington, July 27, 1978) Charles W.
Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No.10:
9-15 Oct '78

(Importance of communications and electronics to
our Armed Forces) (Industrial luncheon address,
AFCEA Convention, Washington, June 20-22, 1978)
Charles W.Duncan, Jr. por Signal 32:44-45
Aug '78

Key Defense manager: The Deputy Secretary of De-
fense is central to coordination of operations. por
Natl Def 62:382-383 Mar-Apr '78

Use of manpower. (Excerpts from remarks before
Senate Armed Services Committee, Washington,
Feb 9, 1978) Charles W.Duncan, Jr. AF Plcy Ltr
for Comdrs: Sup No.5:19-23 May '78

DUTY AND RESPONSIBILITY, MILITARY

Career counseling: Commander/supervisor responsi-
bility. TIG Brief 30:4 Jun 23 '78

The military man as leader and manager. Royal Air
Forces Qtr 18:69-74 Spring '78

Pilots to serve 6 years; stability, savings seen.
M.L.Craver. AF Times 38:6 Feb 13 '78

Readiness and freedom. (Remarks, Air Force Ser-
geants Assoc International Convention, San Anto-
nio, Tex, Aug 20, 1978) Gen John W.Roberts. AF
Plcy Ltr for Comdrs: Sup No.11:23-29 Nov '78

Some slight duties because of children. Len Fa-
miglietti. AF Times 39:2 Aug 14 '78

EFTS see Electronic Funds Transfer System

EAKER, Ira C.

The Air Force pilot exodus. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Oct 16 '78

Combat duty for women. LtGen Ira C. Eaker, Ret. AF Times 38:17-18 Apr 10 '78

Diminishing Navy resources. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Apr 17 '78

(Gen Alexander M.) Haig essential to NATO. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Jun 19 '78

MajGen James E. Fechet: Chief of the Air Corps, 1927-1931. LtGen Ira C. Eaker, Ret. AF Mag 61: 94-97 Sep '78

The present state of our national security. LtGen Ira C. Eaker, Ret. por Officer 54:16-17 Jun '78

SALT I and the arms race. LtGen Ira C. Eaker, Ret. AF Times 39:15-16 Oct 30 '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. Aerosp Hist 25:74-77 Jun '78

U.S.-Soviet Military Posture. LtGen Ira C. Eaker, Ret. AF Times 38:13+ Feb 13 '78

EARS

Keep your ears clear while flying. Harvey B. Firestone. (Reprinted from Approach, May 1978) illus AF Times 39:51 Aug 14 '78; Aerosp Safety 34: 14-15 Aug '78

EARTHQUAKES see Disasters

EASTMAN, James N., Jr

The development of big bombers. James N. Eastman, Jr. por Aerosp Hist 25:211-219 Dec '78

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78

Technology transfer: We're still selling them the rope. J. Fred Bucy. illus Govt Exec 10:37+ Sep '78

ECONOMIC ANALYSIS

Business & government: The targets are really the same. (Interview with Raymond H. Herzog) illus Govt Exec 10:13-15 May '78

It's time for an economical analysis program. Maurice J. Gisler. illus Armed Forces Compt 23: 14-15 Aug '78

Jack Kemp on tax cuts: A hunt for the American majority. C. W. Borklund. tab illus Govt Exec 10: 17-19 Oct '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. illus Govt Exec 10:45-46 Jul '78

ECONOMIC DEVELOPMENT

Economic development: The short sure road to desegregation. C. W. Borklund. illus Govt Exec 10: 42+ Jun '78

ECONOMIC DEVELOPMENT - Continued

Future C-E development in the Pacific. Koji Kobayashi. illus tab Signal 32:42-43 Feb '78

Growth prospects in Asia. Thomas Pepper. illus Signal 32:30-33 Feb '78

Los Angeles: The suburbs have found a city. John F. Judge. Govt Exec 10:14-17 Nov '78

ECONOMIC WARFARE

Food as a component of national defense strategy. Maj Jack A. Le Cuyer. illus Parameters 7, No. 4:56-70 '77

Soviet Bloc borrowing from the West: Prospects and implications. Penelope Hartland-Thunberg. illus tabs Strat Rev 6:55-63 Winter '78

EDGE, Robert L.

Veritas revisit: A look at the Harvard Business School's Advanced Management Program. MajGen Robert L. Edge, Ret. por Signal 32:21-24 Jul '78

EDUCATION

Russia

Soviet education and the military. LtCol Gaines D. Hendrix. illus Mil Rev 58:19-27 Dec '78

South Africa (Republic)

Education: The long, sure road to desegregation. C. W. Borklund. illus Govt Exec 10:32+ May '78

United States

Education-for-service plan gains appeal. Richard C. Barnard. AF Times 38:3 Jul 24 '78

Education supplement. AF Times 38:16p sup opposite p 30 Apr 10 '78; 39:12p sup opposite p 34 Sep 11 '78

GI Bill changes called OK. AF Times 38:42 Mar 6 '78

High court (Supreme) upholds GI Bill restrictions. AF Times 38:22 Apr 10 '78

PA aspirants need 60 college hours. Ron Sanders. AF Times 38:2 Feb 27 '78

Sheppard (AFB, Tex) courses 'mastered' for civilians. AF Times 38:45 Mar 6 '78

Teachers, technology & tradition: The cost cutting adjustment. illus Govt Exec 10:12+ Aug '78

EDUCATION (DEPENDENTS)

Act to put o'seas schools into (a new) Ed Dept clears panel (Senate Governmental Affairs Committee). AF Times 39:4 Jul 31 '78

Bill would switch o'sea school control. AF Times 38:30 Mar 20 '78

Bureaucracy trimmed in schools overseas. AF Times 38:16 Jul 24 '78

House okays subsidies for o'sea school lunches. AF Times 39:10 Jul 31 '78

O'sea (DOD) school transfer pushed. AF Times 38:1+ May 1 '78

O'sea school dorms held OK. AF Times 38:20 Jun 5 '78

EDUCATION (DEPENDENTS) - Continued

Overseas schools get 17 percent fund increase. AF Times 38:38 Feb 6 '78

Panel (House Education and Labor Committee) OKs overseas lunch plan. Andy Plattner. AF Times 38:4 May 15 '78

Rep (William D.) Ford gives low marks to schools on 18 U.S. bases. illus AF Times 38:8 Feb 20 '78

Skill tests set for o'seas pupils. Larry Carney. AF Times 39:1+ Aug 21 '78

Study to compare lunch operations in o'sea schools. AF Times 39:6 Nov 20 '78

EDUCATION, MILITARY see

Education, Scientific

Education, Technical

Education and Training

EDUCATION, SCIENTIFIC

See also

Medical Education Program

Air Force--U.S.

House panel (Appropriations Committee) cuts back on ROTC grant request. AF Times 39:7 Aug 14 '78

PA aspirants need 60 college hours. Ron Sanders. AF Times 38:2 Feb 27 '78

EDUCATION, TECHNICAL

See also

Medical Education Program

Mobile Training Units

Retraining Program

A case for mandatory certification (for wastewater treatment). SMSgt Hermie Corns. illus AF Engrg & Svcs Qtr 19:30-32 Feb '78

Air Force--U.S.

See also

Air Force Technical Training Centers

Community College of the Air Force

Cutbacks may mean more self-training. AF Times 38:6 Mar 20 '78

House panel (Appropriations Committee) cuts back on ROTC grant request. AF Times 39:7 Aug 14 '78

New limits put on AECP for '79. Len Famiglietti. AF Times 38:4 Jun 19 '78

Not under a shade tree (3770th Technical Training Gp, Sheppard AFB, Tex). Col Robert F. Darden, Jr. illus AF Engrg & Svcs Qtr 19:7-10 Aug '78

Quality control for technical training. TIG Brief 30:14 May 26 '78

Quota fillers. TIG Brief 30:4 Nov 3 '78

Sheppard (AFB, Tex) courses 'mastered' for civilians. AF Times 38:45 Mar 6 '78

United States

A guide to P. E. (Professional Engineer) refresher courses. John Constance. illus Mil Engr pt 1, 70:34-36 Jan-Feb '78; pt 2, 70:103-105 Mar-Apr '78

Training in transition. P.W. Silver and others. illus Log Spectrum 12:17-24 Summer '78

EDUCATION AND TRAINING

See also

On-the-Job Training

Retraining Program

Training Aids

also specific types of centers and schools, e.g.,

Engineer Centers and Schools

Medical Centers and Schools

Transportation Centers and Schools

also as a subdivision under specific subjects, e.g.,

Pilots--Education and Training

Air Force--Germany(Federal Republic)

The Lone Star Luftwaffe: German GIs (at Fort Bliss, Tex) give high marks to the low-cost U.S. Lothar H. Wedekind. illus AF Times, Times Magazine sup:8-11+ Jun 12 '78

Air Force--Great Britain

The 'Texanization' of Sally. (FltLt Sally Whiskerd of Great Britain's Royal Air Force is teaching basic training at Lackland AFB, Tex) LtCol Fred A. Meurer. illus Airman 22:31-34 Nov '78

Air Force--U.S.

See also

Air Force Academy

Air Force Institute of Technology

Air Force Technical Training Centers

Air Training Command

Air War College

Airman Education and Commissioning Program

Community College of the Air Force

Flight Training

Inter-American Air Forces Academy

Leadership and Management Development Center

Officer Candidate Schools

Officer Training School

Squadron Officer School

also subdivision Education and Training under the following subjects,

Air Crews

Navigators

Pilots

Additional Duty Safety Officer Course. TIG Brief 30:5 Aug 4 '78

Air Force training for transportation careers. 1stLt Douglas C. Coltharp. illus Translog 9:2-5 Jul '78

Air Force training in the 80's. (Remarks, National Security Industrial Assoc, San Francisco, July 11, 1978) BrigGen Walter B. Ratliff. AF Ploy Ltr for Comdrs: Sup No. 10:27-32 Oct '78

CONUS bases start Warskill training in April. AF Times 38:22 Apr 3 '78

E-4 Sgts can teach NCO PME. AF Times 38:12 Jan 23 '78

Facts wanted on E-4s waiting for courses. AF Times 39:22 Aug 14 '78

1stSgts told: Go to Academy. AF Times 38:2 Jan 23 '78

If you don't know where you're going--any road will get you there. Capt Gary L. Pahl. illus Interceptor 20:21-23 Apr '78

Jan 1 is deadline for ASTRA (Air Staff TRAINing) bids. AF Times 39:32 Dec 11 '78

Lost records of training. TIG Brief 30:22 Oct 6 '78

EDUCATION AND TRAINING - ContinuedAir Force--U.S. - Cont'd

Major problems in PME program. Randy Moore. AF Times 39:3 Oct 9 '78

Misconceptions about Instructional System Development (ISD). TIG Brief 30:20 Mar 17 '78

OJT: New focus on learning skills. Len Famiglietti. AF Times 39:1+ Sep 4 '78

Readiness and training realism. TIG Brief 30:9-10 Jan 20 '78

Recruits live in coed dorms--'mixed' BMT brings changes. Len Famiglietti. AF Times 38:30 Mar 20 '78

SPs will train force of 400 investigators. AF Times 38:28 Feb 6 '78

10 in AF to get shuttle training. AF Times 38:24 Jan 30 '78

The 'Texanization' of Sally. (FtLt Sally Whiskerd of Great Britain's Royal Air Force is teaching basic training at Lackland AFB, Tex) LtCol Fred A. Meurer. illus Airman 22:31-34 Nov '78

Training and qualification record. TIG Brief 30:15 Jul 21 '78

Warskil due to be doubled. Len Famiglietti. AF Times 39:3 Dec 11 '78

History

The USAF's Korean War recruiting rush and the great tent city at Lackland Air Force Base (Tex). Larry Benson. illus tab Aerosp Hist 25:61-73 Jun '78

Armed Forces--Great Britain

Defence matters. (IDS, International and Defence Studies) SqLdr J. Clementson. Royal Air Forces Qtr 17:385-393 Winter '77

Armed Forces--NATO

Reinforcement operations in northern Norway. Charles Latour. illus NATO's Fifteen Nations 23:34-36+ Apr-May '78

Armed Forces--Russia

Marxist-Leninist training of officers. Col V. Zhuravel. illus Soviet Mil Rev No. 6:30-31 Jun '78

Military labour and servicemen's abilities. Col V. Dudnik. illus Soviet Mil Rev No. 2:42-43 Feb '78

Modern weapons and troop control. LtGen Vasily G. Reznichenko. illus Soviet Mil Rev No. 12:10-13 Dec '78

Persuasion-principal method. Col N. Fedenko. Soviet Mil Rev No. 8:23-24 Aug '78

Armed Forces--U.S.

Assertiveness training for the military woman? Nancy Dughi. illus AU Rev 29:52-55 Jan-Feb '78

(DOD) official (I.M. Greenberg) warns against expanded training day. AF Times 38:12 Mar 27 '78

Education supplement. AF Times 38:16p sup opposite p 30 Apr 10 '78; 39:12p sup opposite p 34 Sep 11 '78

Skill training scored (by GAO). AF Times 38:14 Mar 6 '78

EDUCATION AND TRAINING - ContinuedArmy--Germany (Federal Republic)

Gepard (tank) support infrastructure. Joachim Mayer. illus Intl Def Rev 11, No. 3:412-416 '78

Army--Great Britain

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77; Commentary. Brig A.J. Trythall. RUSI J for Def Studies 123:36-39 Sep '78

Army--Japan

Japan's developing Army. Col Wilfred L. Ebel. (Reprinted from National Defense, Sep-Oct 1977) illus Mil Rev 58:29-33 Apr '78

Army--Russia

Garrison on the edge of a desert. LtCol N. Yelshin. illus Soviet Mil Rev No. 1:43-45 Jan '78

Myth of the Soviet driver-mechanic. Capts Joel M. Grover and John Kirby. illus tabs Armor 87:42-44 Mar-Apr '78

Planning political and educational work in a company. Col I. Bryukhovetsky. Soviet Mil Rev No. 11:28-29 Nov '78

Army--U.S.See also

Armor--Education and Training
Armored Centers and Schools
Army Aviation Centers and Schools
Army Field Artillery School
Army War College
Infantry Centers and Schools
Military Academy, West Point, NY

Army training development--a quiet revolution. LtCol Robert L. Wendt. illus Mil Rev 58:74-83 Aug '78

Assessing combat readiness at Fort Bragg. (Army Training and Evaluation Program, ARTEP) illus Army 28:42-43 May '78

(The Central Battle) (Keynote address, 1978 Armor Conference) Gen Donn A. Starry. illus tabs Armor 87:32-36 Jul-Aug '78

Classroom on call. (Fort Hood's Mobile Learning Center) SP4 Billy Shepherd. illus Soldiers 33:32 Oct '78

Combat training theaters. Ann Mulligan. illus Armor 87:46-48 May-Jun '78

A combined arms ARTEP--it's not impossible. Maj William E. Tyson. illus Fld Arty J 46:16-20 Sep-Oct '78

Complex signal systems challenge the teachers. William D. Ketner. illus Army 28:38-39+ Apr '78

A day in the life of a drill sergeant. Sgt1C Matt Glasgow. illus Soldiers 33:6-14 Aug '78

The drill sergeant. Capt Gardner M. Nason. illus Infantry 68:34-37 Mar-Apr '78

Effective training requires full school, unit partnership. Col Franklin A. Hart and Capt Robert W. Brock. tabs Army 28:99-102 Oct '78

Enhancing combined arms training. LtCol Larry E. Word and others. illus Fld Arty J 46:51-53 Jul-Aug '78

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'd

The First Team and TACFIRE (TACTical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

A footnote on Army military training. (FM 21-6) Col James R. Montgomery and others. tab Officer 54:9+ Mar '78

Fort Apache or executive suite? The U.S. Army enters the 1980's. LtCol Donald B. Vought, Ret and Capt John C. Binkley. illus Parameters 8: 21-34 Jun '78

The hard corps soldier. LtCol Courtney M. Rittgers. illus Soldiers 33:6-11 Jan '78

Horizontal leadership. Ch(LtCol) Harold L. Alexander. illus Army 28:45-46 May '78

4th Infantry Division. Dick Devlin. illus Infantry 68: 18-23 Jul-Aug '78

Leadership for tomorrow's Army: An American General Staff system. Col William L. Hauser. illus Parameters 8:2-9 Sep '78

The making of Infantrymen. illus tabs Infantry 68: 30-34 Sep-Oct '78

Mark of a pro (Expert Field Medical Badge, EFMB). MSgt Bruce N. Bant. illus Soldiers 33:6-9 Apr '78

Maximum readiness for the training dollar. Col Robert E. Leard. illus Fld Arty J 46:42-44 Nov-Dec '78

Maze or stepladder?? (Infantry training at cadet summer camp) Maj Edwin P. Smith. illus Infantry 68:30-33 Mar-Apr '78

(Mechanical Maintenance) CMF (Career Management Field) 63 changes proposed. chart Army Log 10: 22-25 Sep-Oct '78

Mechanized Infantry and antitank weapons. MajGen William J. Livsey, Jr. Armor 87:38-41 Jul-Aug '78

The Motor Officer Course (at Army Armor School). Capt Charles A. Gibbens, Jr. illus Armor 87: 14-15 Jan-Feb '78

OSUT (One-Station Unit Training)? TST (Two-Station Test)? Maj Michael A. Andrews. illus tab Infantry 68:31-34 Nov-Dec '78

Officer education and training in the Army: An alternative solution. Capt Robert R. Begland. illus Mil Rev 58:15-26 Oct '78

Planning realistic field training (for Army Aviation personnel). illus USA Avn Dig 24:42-45 Feb '78

Preparing the officer corps for the 1990s. LtCol James B. Channon. illus tabs Mil Rev 58:10-23 May '78

The real thing--almost. (Innovative ideas, new training doctrine and the latest technology) Steve Stromvall. illus Soldiers 33:9-11 Feb '78

Realtrain: A critique. Paul R. Bleda. illus tabs Army 28:34-37 Nov '78

Sergeants' business. (Condensation of address, Army Sergeants Major Academy, Fort Bliss, Tex, Nov 3, 1977) Gen Donn A. Starry. illus Mil Rev 58:2-9 May '78

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'd

Skill retention and refresher training. Michael H. Strub. illus tabs Air Def Mag, pp 35-37, Apr-Jun '78

Successful evaluation. Col Ronald J. Rabin. illus Mil Rev 58:54-61 Aug '78

Task masters. (ARmy Training and Evaluation Program (ARTEP)) Steve Abbott. illus Soldiers 33: 12-18 Feb '78

USAFATC (U.S. Army Field Artillery Training Center)--where it's happening. Capt Paul Green. illus Fld Arty J 46:20-23 Jan-Feb '78

Use of training exercises for test and evaluation. LtCol Martell D. Fritz. illus Def Sys Mgt Rev 1: 110-118 Winter '77

Directories

(Army) schools and centers. Army 28:110-111 Oct '78

Marine Corps--U.S.See also

Marine Corps Development and Education Command

Boot camp reduced to nine weeks. MarCor Gaz 62:4+ Apr '78

Marines scheduled for jungle training (at Army's Jungle Warfare Training Center, Panama Canal Zone). MarCor Gaz 62:4 Mar '78

The personnel campaign issue is no longer in doubt. BrigGen Bernard E. Trainor. illus MarCor Gaz 62:22-32+ Jan '78

Realistic combat training for the FMF (Fleet Marine Force). LtCol J. E. Stanton. illus MarCor Gaz 62: 33-35 Apr '78

We need to train school managers. Maj William R. Masciangelo. MarCor Gaz 62:12-13+ Feb '78

National Guard--Air Force--U.S.

ANGers ask cuts in extra training. AF Times 39:11 Oct 30 '78

How do you spell relief? Active duty weathermen spell it Reserve. TSgt Richard Allen. illus Air Reservist 29:10-11 Mar '78

Water survival in the desert? Capt LeRoy Goodman. illus Air Reservist 29:14 Mar '78

208th (Weather Flt) 'tells the Army when to fly!' Maj Neal M. Gendler. illus Air Reservist 29:9-10 Feb '78

National Guard--Armed Forces--U.S.

Annual training. Pictorial. Natl Guardsman 32:12-16 Aug '78

National Guard--Army--U.S.

ARNG multi-media program. Capt Kenneth O. Boley. illus USA Avn Dig 24:17-19 Oct '78

Double time--Reservists go airborne. John Rasmuson. illus Soldiers 33:43-44 Dec '78

Fort Drum: A changing role. SP5 Cindi Small. illus Soldiers 33:37-39 Jan '78

Reserve Component training. MajGen Herman Tenken. Armor 87:45-47 Jul-Aug '78

EDUCATION AND TRAINING - ContinuedNavy--Great Britain

Operational training in the Royal Navy. Comdr Joseph M. Palmer, Ret. illus tab US Nav Inst Proc 104: 53-61 Jun '78

Navy--Russia

The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J. Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78

Naval officers: Ours and theirs. CAPT James W. Kehoe. illus tabs US Nav Inst Proc 104:50-60 Feb '78

Sonarmen training. Capt I. Kedrov. illus Soviet Mil Rev No. 11:20-21 Nov '78

Training for watch officers. Capt V. Germanovich. illus Soviet Mil Rev No. 6:22-23 Jun '78

Navy--U.S.See also

Naval Academy, Annapolis, Md
Naval Postgraduate School
Naval War College

Developing financial managers for the future. (Navy's centralized financial management trainee program) Richard J. Young. illus Armed Forces Compt 23:30-31 Feb '78

The first step toward SWO qualification. LCDR Charles P. Vion. illus US Nav Inst Proc 104:137-139 Mar '78

Naval officers: Ours and theirs. CAPT James W. Kehoe. illus tabs US Nav Inst Proc 104:50-60 Feb '78

Navy training for transportation careers. Maj Gary Wilde. illus Translog 9:2-5 Aug '78

The path to command. LT Terrance J. McKearney. tab illus US Nav Inst Proc 104:76-87 Mar '78

Reserve Forces--Air Force--U.S.

'Tell them you (a woman Reservist) train in England.' SSgt Anja Carr. illus Air Reservist 29:8-9 Mar '78

Reserve Forces--Armed Forces--U.S.

Hill committee (House Appropriations Committee) limits number of drills Reservists can miss. AF Times 39:22 Aug 21 '78

Reserve Forces--Army--U.S.

(Army Aviation Reserve training, Knox Army Helipport, Fort Rucker, Ala) Gerald D. Lyon and others. illus USA Avn Dig 24:16-19 Jan '78

Double time--Reservists go airborne. John Rasmuson. illus Soldiers 33:43-44 Dec '78

Fort Drum: A changing role. SP5 Cindi Small. illus Soldiers 33:37-39 Jan '78

What did you do last summer? Lee Hunter. illus Fld Arty J 46:57-59 Nov-Dec '78

Reserve Forces--Marine Corps--U.S.

Jacksonville's 'Iron Gators' show how to recruit Reservists. LtCol J.H. Alexander. illus tab MarCor Gaz 62:35-42 Feb '78

EDUCATION AND TRAINING, OFF-DUTYAir Force--U.S.

47% tuition aid increase sought. AF Times 38:10 May 15 '78

Armed Forces--U.S.See also

Defense Activity for Non-Traditional Educational Support

All about SOC (Servicemen's Opportunity Colleges). Janet Hake. illus Soldiers 33:28-31 Oct '78

Education supplement. AF Times 38:16p sup opposite p 30 Apr 10 '78; 39:12p sup opposite p 34 Sep 11 '78

36,400, most soldiers, use GI Bill education. AF Times 39:8 Dec 11 '78

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

Nonsense, common sense, and the professional NCO. SMSgt George H. Day. illus tabs AU Rev 29:66-72 Jul-Aug '78

Reading levels set to match EM skills. Len F. miglietti. tab AF Times 38:1+ Jun 5 '78

EDUCATIONAL TECHNOLOGY

Creating past and future skies in the (AF) Academy's 'time machine.' SrAmn Karen Hebson. illus AF Times 39:39 Aug 21 '78

Selecting media for instructional development. Maj Delbert W. Shaw III. illus tabs Air Def Mag, pp 30-33, Jan-Mar '78

Teachers, technology & tradition: The cost cutting adjustment. illus Govt Exec 10:12+ Aug '78

Training developments and methodologies: ISD (Instructional Systems Development). A. Frank Rush-ton. illus USA Avn Dig 24:22-23 Aug '78

EFFECTIVENESS REPORTS

Why performance appraisals? Capt James D. Nar-wold. illus Armed Forces Compt 23:24-26 Feb '78

Air Force

How controlled OER added up. tab AF Times 39:3 Aug 14 '78

OER changes--a look at the details. M.L. Craver. AF Times 39:1+ Oct 30 '78

1 on OER made difference. tabs AF Times 39:7 Dec 18 '78

Opposition to the new OER: A crisis alert! Maj Daniel R. Peterson. AU Rev 29:68-72 May-Jun '78; Comment. AF Times 39:2 Jul 31 '78

The specter of rating inflation. M.L. Craver. AF Times 39:16 Dec 11 '78

Why pilots get out. Gen T.R. Milton, Ret. AF Mag 61:138 Sep '78

Army

Numerical ratings to be eliminated in upcoming OER system for Army. Officer 54:8 Dec '78

Sponsorship. (A helping hand is sometimes a question of career survival) Maj F. Douglas Mehle. illus Army 28:41-44 Mar '78

EFFECTIVENESS REPORTS - ContinuedNational Guard--Air Force

Mistakes found in ANG OERs. AF Times 38:24
May 1 '78

Navy

Grading the fitness report. CAPT Frank M. Synder,
Ret. illus US Nav Inst Proc 104:48-53 Sep '78

EFFICIENCY

DC probation division cleans up in word processing
through centralized dictation. Govt Exec 10:47
Mar '78

Failure to communicate. Maj Cleveland Simpson.
illus Aerosp Safety 34:8-9 Dec '78

Futurism in resource management: The quest for pro-
ductivity through organization effectiveness. Vin-
cent J. Byrne. illus Armed Forces Compt 23:7-9
Nov '78

EFFICIENCY RATINGS see Effectiveness ReportsEGYPT

Beyond the "plane package": Arms and politics in the
Middle East. Andrew J. Pierre. Intl Sec 3:148-161
Summer '78

History

Nizam--Egypt's Army in the 19th century. David
Nicolle. Army Qtr pt 1, 108:69-78 Jan '78

EISENHOWER, Dwight D.

"The new language of atomic warfare." (From ad-
dress to United Nations, Dec 1953) Dwight D.
Eisenhower. Def Monitor 7:5-6 Aug '78

Sponsorship. (A helping hand is sometimes a question
of career survival) Maj F. Douglas Mehle. por
Army 28:41-44 Mar '78

EJECTION

See also
Parachute Jumping

Another look at ejection trends and mishap survival.
tab TIG Brief 30:4 Mar 31 '78

The Boy Scout motto. Capt Mike Chase. illus TAC
Attack 18:28-30 Oct '78

Down in the cold Atlantic. LT Jerome L. Petykowski.
illus Aerosp Safety 34:10-13 Feb '78

A letter to aircrews on life support equipment. TIG
Brief 30:7 Aug 4 '78

The one-ring circus of P. T. McKee. Maj Wayne E.
Griffin. illus Interceptor pt 1, 20:20-23 Aug '78

So you think ... it can't happen to you! LtCol William
S. Barnitz. illus TAC Attack 18:4-6 Oct '78

USAF escape systems. Rudolph C. Delgado. illus tab
Interceptor 20:6-7 May '78

When you gotta go--go. Rudolph C. Delgado. illus tabs
Aerosp Safety 34:4-5 May '78; Condensation. AF
Times 38:20 Jul 3 '78

EJECTION EQUIPMENT

ACES (Advance Concept Ejection Seat) II is here. Ru-
dolph C. Delgado. illus tabs Aerosp Safety 34:12-15
Sep '78

EJECTION EQUIPMENT - Continued

USAF escape systems. Rudolph C. Delgado. illus tab
Interceptor 20:6-7 May '78

When you gotta go--go. Rudolph C. Delgado. illus tabs
Aerosp Safety 34:4-5 May '78; Condensation. AF
Times 38:20 Jul 3 '78

ELECTIONS

See also
Voting

The campaign of '78. Editorial. John L. Frisbee. AF
Mag 61:6 Dec '78

50% of Senate defense panel candidates lose. Robin J.
Stein. Armed Forces J Intl 116:9 Dec '78

Military \$\$ didn't stop Aspin. Andy Plattner. AF
Times 39:16+ Nov 27 '78

The power tables: Significant elections and changes
in governments in the past year. Regular feature
in some issues of Defense & Foreign Affairs Di-
gest

ELECTRIC EQUIPMENTMaintenance and Repair

"A stitch in time ..." etc, etc. Gary M. Erickson.
illus AF Engrg & Svcs Qtr 19:16-17+ Nov '78

ELECTRIC POWER

Don't ignore your electric bill. TIG Brief 30:6
Mar 17 '78

The hybrid solar-electric service concept. Capt Mi-
chael A. Aimone. illus tabs Mil Engr 70:17-19
Jan-Feb '78

Lost megawatts flow over nation's myriad spillways.
David E. Lillenthal. (Reprinted from Smithsonian,
Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78

Managing a utility shortage--techniques that worked.
Col Richard B. Kent and Rufus R. McEuen. tabs
AF Engrg & Svcs Qtr 19:26-29 Nov '78

ELECTRIC POWER PLANTS

Siberian giant (Krasnoyarsk Hydroelectric Power
Station). illus Soviet Mil Rev No. 8:27 Aug '78

Small hydro project potential at existing dams. Rob-
ert N. Janopaul and David C. Willer. illus tab Mil
Engr 70:318-322 Sep-Oct '78

ELECTRICITY

Static electricity and hot refueling. illus USA Avn Dig
24:42-44 Dec '78

Static electricity in clothing. TIG Brief 30:11-12
Feb 3 '78

ELECTRON TUBES

ASPJ: TWTs (Traveling-Wave Tubes) PGSE (Peculiar
Ground Support Equipment) activity. Coleman
Rogers. illus Mil Elect/Countermeasures 4:54+
Dec '78

ELECTRONIC COUNTERMEASURES

ASPJ. (Special supplement) illus tab Mil Elect/
Countermeasures 4:106+ Sep '78

ASPJ (Airborne Self Protection Jammer). illus tabs
Mil Elect/Countermeasures 4:39+ Aug '78

ELECTRONIC COUNTERMEASURES - Continued

ASPJ (Airborne Self Protection Jammer). (Interview with Frank Lanza) Robert daCosta. illus Mil Elect/Countermeasures 4:39-40+ May '78

ASPJ (Airborne Self Protection Jammer). (Bidders' concerns, source selection process) Coleman Rodgers. illus Mil Elect/Countermeasures 4:47-48+ Jun '78

ASPJ (Airborne Self Protection Jammer): Partners at last (Air Force-Navy). Coleman Rodgers. illus Mil Elect/Countermeasures 4:18+ Apr '78

ASPJ (Airborne Self-Protection Jammer). (Special supplement) Coleman Rodgers. illus tabs Mil Elect/Countermeasures 4:51-52+ Jul '78

ASPJ (Airborne Self Protection Jammer): The next generation EW system? Coleman Rodgers. illus Mil Elect/Countermeasures 4:34+ Mar '78

ASPJ decision time nears; formal announcement may slip. Elect Warfare/Def Elect 10:24-25 Oct '78

The ASPJ EW system: Is a single product justifiable? Gowri Sundaram. illus tab Intl Def Rev 11, No. 6: 960-962 '78

ASPJ: New AF/Navy agreement. Coleman Rogers. illus tab Mil Elect/Countermeasures 4:63+ Nov '78

ASPJ: Reprogrammability--a step in the right direction. Coleman Rodgers. illus tabs Mil Elect/Countermeasures 4:65-66+ Oct '78

ASPJ: TWTs (Traveling-Wave Tubes) PGSE (Peculiar Ground Support Equipment) activity. Coleman Rogers. illus Mil Elect/Countermeasures 4:54+ Dec '78

Air defense suppression expendables (chaff and flare). Neal Brune. illus tab Mil Elect/Countermeasures 4:22+ Aug '78

Amplifier bricks power mil avionics systems. illus Elect Warfare/Def Elect 10:71-73 Nov '78

Anti-jam communications: The spread spectrum solution. G.S.Sundaram. illus Intl Def Rev 11, No. 3:433-434 '78

Communications ECCM: A spectrum of techniques. Michael J. Marcus. illus Signal 32:47-51 Mar '78

Communications in a jam. Col Vincent Dambraskas. illus Signal 32:6-8 Mar '78

Communications jamming training for tactical air control. TIG Brief 30:9 Dec 15 '78

Countermeasures and communications from Thomson-CSF. G.S.Sundaram. illus Intl Def Rev 11, No. 4:569-572 '78

The Dagaie EW decoy launcher--an antimissile self-defense system for the '80s. R. Beullier. illus tab Intl Def Rev 11, No. 8:1307-1308 '78

Disrupting the net: ECM against advanced radars. R. Kent Grover. illus tabs Signal 32:10-13 Mar '78

ECM: A look ahead. Col Bert Harbour. illus AF Mag 61:93-95 Jul '78

ECM decisive in typical combat strike (against an enemy fuel storage depot). Robert Loomis. illus tabs Elect Warfare/Def Elect 10:62-66 Jul '78

ECM equipment for combat aircraft. Yves Robins. illus tabs Aerosp Intl 14:37-40 Jun-Jul '78

ELECTRONIC COUNTERMEASURES - Continued

F-15 countermeasures update pushed. illus Elect Warfare/Def Elect 10:29-30 Dec '78

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 61:100-101 Mar '78

Intelligence, security and electronic warfare. MajGen William I. Rolya. illus Signal 32:15-17 Mar '78

JTIDS: A major effort towards jam-resistant, secure communications. illus Interavia 33:1042-1046 Nov '78

Martello--a new 3-D radar for the 1980s. Derek Wood. illus tabs Intl Def Rev 11, No. 6:889-890 '78

New eyes for the fleet. Bruce M. Hislop. illus US Nav Inst Proc 104:103-105 Feb '78

New hardware. Regular feature in issues of Military Electronics/Countermeasures

An overview: Electronic countermeasures technology. Lee A. Meadows. illus tab Signal 32:34-38+ Mar '78

SINGARS (Single Channel Ground and Airborne Radio Subsystem) V: Secure battlefield communications for the 1980s. R.D. Boyle. illus Intl Def Rev 10:1155-1157 Dec '77

Scandinavia moves ahead in electronics. David Harvey. illus Def & For Aff Dig 6, No. 4:12-14 '78

Soviet ESM (Electronic Support Measures) capabilities detailed. Richard F.J. Bush. illus Elect Warfare/Def Elect 10:60-61+ Dec '78

Soviets deploy new jamming gear. Harry F. Eustace. map Elect Warfare/Def Elect 10:26 May '78

A tri-service chaff/flare countermeasures system. illus Intl Def Rev 11, No. 5:743 '78

The USAF's PLSS (Precision Location/Strike System) program. Gowri S. Sundaram. illus Intl Def Rev 11, No. 9:1440-1441 '78

U.S. infrared, electro-optic countermeasure efforts moving into full swing--major emphasis seen in aircraft self-protection. illus Elect Warfare/Def Elect 10:26+ Jul '78

Study and Teaching

Taking the worry out of being close. Capt Terry J. Walter. illus TAC Attack 18:12-13 Dec '78

ELECTRONIC DATA PROCESSING SYSTEMSSee also

Air Force Data Automation Agency
Computers
Digital Equipment

ADP problem definition: A problem. TIG Brief 30:19 Feb 17 '78

ADP reorganization: Enough criticism for everybody. Govt Exec 10:50 Dec '78

Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78

Computer systems in the Navy. Richard Edwin Fryer. illus tab Def Sys Mgt Rev 1:40-46 Summer '78

Data processing productivity: LA County's simple measure. illus tabs Govt Exec 10:48-50 Mar '78

ELECTRONIC DATA PROCESSING SYSTEMS - Continued

- Directorate of Computer Resources, BrigGen Robert E. Chapman, illus chart AF Compt 12:28-29 Oct '78
- GSA (General Services Administration): Carter's new urban policy tool. Govt Exec 10:16+ May '78
- More zip for better budgets. M.Scott Downing, tabs Govt Exec 10:20-22+ Jan '78
- Navy airborne weapon system software acquisition. Dennis W. Farrell, illus Def Sys Mgt Rev 1:47-53 Summer '78
- On managing computer operations in the Department of Defense. Joseph P. Welsch, illus Def Mgt J 14: 24-27 Mar '78
- Reducing software management risks. Ruth M. Davis, illus Def Sys Mgt Rev 1:16-23 Summer '78
- SALS: The Standard Army Logistics System. Col Roland E. Peixotto, illus Army Log 10:28-33 May-Jun '78
- Software configuration management testability and traceability. Harvey Tzudiker, illus Def Sys Mgt Rev 1:24-31 Summer '78
- Structured programming in a μ P environment. Clement L. McGowan, illus Mil Elect/Countermeasures 4:39-40 Jul '78
- Unrealistic data processing. Maj Grant G. Jacobsen, MarCor Gaz 62:13-14 Oct '78

Costs

- Federal government software conversion. Paul Oliver, illus Def Sys Mgt Rev 1:1-15 Summer '78

ELECTRONIC EQUIPMENT

See also specific types of equipment, e.g.,

Computers
Detection Equipment
Electron Tubes
Electronic Receiving Equipment
Electronic Transmitting Equipment
Semiconductor Devices
Transistors

- C³: Key challenges face military planners. James Fawcette, illus tabs Elect Warfare/Def Elect 10: 57-58+ Jun '78
- The changing world of defense electronics. Bernard Conrad Cole, illus tabs Elect Warfare/Def Elect pt 1, The military and the semiconductor industry: A maturing relationship. 10:37-38+ Jun '78; pt 2, The impact of LSI microprocessors on the military. 10:73+ Jul '78; pt 3, Industry and the military: Ironing out the wrinkles. 10:75-76+ Aug '78
- Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal
- DPEWS (Design-to-Price Electronic Warfare System): The U.S. Navy's new multi-role EW systems. Gowri S. Sundaram, illus tab Intl Def Rev 11, No. 4:618-619 '78
- Defense electronics R&D roundup. Regular feature in issues of Electronic Warfare/Defense Electronics beginning with August 1978
- Defining a ground-based radar ELINT (ELectronic INTelligence) system, illus Intl Def Rev 11, No. 7: 1106-1107 '78

ELECTRONIC EQUIPMENT - Continued

- Expanding the use of efficient sampling techniques. John C. Bemis, illus tabs Def Mgt J 14:20-22 Sep '78
- Gulf States intensify electronic arms race, illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78
- Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis, illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78
- Italy's Elettronica seizing market leadership. Harry F. Eustace, illus Elect Warfare/Def Elect 10:69-70+ Jun '78
- METEX and FEREX--state-of-the-art hand-held mine detectors. Hanns Peter Trinkaus, illus Intl Def Rev 11, No. 9:1482-1484 '78
- The Marine Corps tactical telephone system. Maj Ray E. Huebner, illus Signal 32:88+ May-Jun '78
- Military integrated circuits, tabs Mil Elect/Countermeasures 4:27+ Apr '78; Section A, Supplement. 4:60 May '78
- Military integrated circuits & hybrids, tabs Mil Elect/Countermeasures 4:51+ Sep '78
- Modern electronic warfare systems from Decca. G.S. Sundaram, illus Intl Def Rev 11, No. 2:257-260 '78
- New challenges in EW. LtGen Robert C. Mathis, illus Signal 32:24-26+ Mar '78

New hardware. Regular feature in issues of Military Electronics/Countermeasures

- Phased array antenna fundamentals. Robert Kyle, illus tab Mil Elect/Countermeasures 4:26-28+ Mar '78
- Scandinavia moves ahead in electronics. David Harvey, illus Def & For Aff Dig 6, No. 4:12-14 '78
- Shipboard defense: EW proving its mettle. Richard Hartman, illus Elect Warfare/Def Elect 10:45-50 Aug '78
- Shipboard electronic warfare. Richard Hartman, illus Mil Elect/Countermeasures 4:18+ May '78
- Soviet naval electronic technology. STCM Jim Bussert, illus US Nav Inst Proc 104:105-108 Feb '78
- Soviet naval electronics: Getting set for the 'eighties. Milan Vego, illus tab Def & For Aff Dig 6, No. 11: 12-13+ '78
- Thermal imaging systems from Hughes. Rudi Meller, illus Intl Def Rev 11, No. 5:739-742 '78

Characteristics

- The USAF's PLSS (Precision Location/Strike System) program. Gowri S. Sundaram, illus Intl Def Rev 11, No. 9:1440-1441 '78

Exhibitions

- AFCEA '78. Dan Boyle, illus Intl Def Rev 11, No. 7: 1108-1112 '78
- Israeli muscle at MEDE (Military Electronics Defense Expo) '78, illus Mil Elect/Countermeasures 4:50+ Dec '78
- MEDE (Military Electronics Defence Expo) '78: Continued expansion, illus Intl Def Rev 11, No. 9:1501-1508 '78

ELECTRONIC EQUIPMENT - ContinuedExhibitions - Cont'd

MEDE (Military Electronics Defence Expo) '78 products and exhibits. illus Elect Warfare/Def Elect 10:97+ Sep '78

MEDE (Military Electronics Defence Expo, Wiesbaden, Sep) '77 gains acceptance as an international trade exhibition. illus tab Intl Def Rev 10:1158-1162 Dec '77

MEDE (Military Electronics Defense Exposition) '78: Signs of too little too often. illus Aerosp Intl 14:18-22 Oct-Nov '78

MEDE (Military Electronics Defense Exposition) '78 (Wiesbaden, Oct 4-6). David Quincy. illus Aerosp Intl 14:33-35 Aug-Sep '78

Maintenance and Repair

Communications-electronics: Logistics Support Plans (LSPs). TIG Brief 30:8 Aug 4 '78

Needed: One shipboard electronic maintenance philosophy. STCM Jim Bussert. illus US Nav Inst Proc 104:105-107 Jul '78

Reliability

Is reliability the key to reduce support costs? William S. Jones. tabs illus Def Mgt J 14:30-35 May '78

Software reliability by design: A critical need. W. J. Willoughby. illus Def Sys Mgt Rev 1:59-70 Summer '78

ELECTRONIC EQUIPMENT (AIRCRAFT)

ASPJ. (Special supplement) illus tab Mil Elect/Countermeasures 4:106+ Sep '78

ASPJ decision time nears; formal announcement may slip. Elect Warfare/Def Elect 10:24-25 Oct '78

Airborne retrofit effort in full swing. illus Elect Warfare/Def Elect 10:37+ May '78

Applications for airborne digital communications. Nicholas P. Janus and others. illus Signal 33:23-29 Sep '78

DC-9-80--a step forward in cockpit automation. illus Interavia 33:1197-1198 Dec '78

EARS (Electronically Agile Radar System) flight testing begins. illus Elect Warfare/Def Elect 10:29-30 Nov '78

ECM equipment for combat aircraft. Yves Robins. illus tabs Aerosp Intl 14:37-40 Jun-Jul '78

Helicopters in electronic warfare. G.S. Sundaram. illus Intl Def Rev 11, No.1:61-64 '78

Keeping the Boeing B-52 operational until the end of the century. illus (Also cutaway) tabs Interavia 33:1181-1184 Dec '78

Making the McDonnell Douglas F-15 even better. John M. Dennison. illus Interavia 33:1178-1180 Dec '78

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

ELECTRONIC EQUIPMENT (AIRCRAFT) - Continued

New hardware. Regular feature in issues of Military Electronics/Countermeasures

New Weasel aircraft will play vital role. illus Elect Warfare/Def Elect 10:75-77 Feb '78

The USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri Sundaram. illus Intl Def Rev 11, No.7:1113-1114 '78

Exhibitions

Behind the scenes at Farnborough. illus Intl Def Rev 11, No.9:1435-1439 '78

Maintenance and Repair

Is reliability the key to reduce support costs? William S. Jones. tabs illus Def Mgt J 14:30-35 May '78

Testing

We do it first. (4485th Test Sq) Maj Davy M. Bass. illus TAC Attack 18:4-7 Jan '78

ELECTRONIC EQUIPMENT, MINIATURE

Amplifier bricks power mil avionics systems. illus Elect Warfare/Def Elect 10:71-73 Nov '78

Eyeball HUD: New capability added to Army helmet display. illus Elect Warfare/Def Elect 10:31-32 Aug '78

A guide to military hybrid microcircuits. Bob Kromer and Mike Turner. Mil Elect/Countermeasures 4:56+ Jun '78

μ P freeway to military electronics. Allen Rush. illus Mil Elect/Countermeasures 4:42+ Jul '78

Microcomputers and the Navy. CDR Timothy J. Keen, Ret and others. illus US Nav Inst Proc 104:58-65 Aug '78

Microprogrammed emulation helps solve difficult design problems. Kenneth J. Thurber. illus tabs Elect Warfare/Def Elect 10:93-95+ Mar '78

Military integrated circuits. tabs Mil Elect/Countermeasures 4:27+ Apr '78; Section A, Supplement. 4:60 May '78

Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 4:51+ Sep '78

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

ELECTRONIC FUNDS TRANSFER SYSTEM

Banking and C³--a study in similarities. Herbert A. Schulke, Jr. illus Signal 32:27-31 Jul '78

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

New products and technology. Regular feature in some issues of Interavia

View from the top. (Interviews with outstanding executives in the electronic field) Regular feature in issues of Military Electronics/Countermeasures

ELECTRONIC INDUSTRY AND TRADE - ContinuedExhibitions

MEDE (Military Electronics Defence Expo) '78: Continued expansion. illus Intl Def Rev 11, No.9:1501-1508 '78

MEDE (Military Electronics Defence Expo) '78 products and exhibits. illus Elect Warfare/Def Elect 10:97+ Sep '78

MEDE (Military Electronics Defense Exposition) '78: Signs of too little too often. illus Aerosp Intl 14: 18-22 Oct-Nov '78

MEDE (Military Electronics Defense Exposition) '78 (Wiesbaden, Oct 4-6). David Quincy. illus Aerosp Intl 14:33-35 Aug-Sep '78

Europe, Western

Europe becomes creatively electronic. John Fullerton. illus Def & For Aff Dig 6, No.12:28-30+ '78

France

Countermeasures and communications from Thomson-CSF. G.S.Sundaram. illus Intl Def Rev 11, No.4:569-572 '78

Germany(Federal Republic)

ESG (Elektronik-System-GmbH): More than a think-tank, a link between customer and industry. illus Interavia 33:306-307 Apr '78

The leading trio in West Germany's aerospace electronics industry. illus Interavia 33:303-305 Apr '78

Israel

Israeli electronics: Hawk links and laser guidance. illus Elect Warfare/Def Elect 10:91-95 Jan '78

Israeli muscle at MEDE (Military Electronics Defense Expo) '78. illus Mil Elect/Countermeasures 4:50+ Dec '78

Italy

Italy's Elettronica seizing market leadership. Harry F.Eustace. illus Elect Warfare/Def Elect 10:69-70+ Jun '78

Middle East

International Aeradio: Diversification and growth. Derek Wood. illus Interavia 33:44-46 Jan '78

Pacific Region

Future C-E development in the Pacific. Koji Kobayashi. illus tab Signal 32:42-43 Feb '78

Persian Gulf Region

Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78

Scandinavia

Scandinavia moves ahead in electronics. David Harvey. illus Def & For Aff Dig 6, No.4:12-14 '78

United States

ADP reorganization: Enough criticism for everybody. Govt Exec 10:50 Dec '78

ASPJ (Airborne Self Protection Jammer). (Interview with Frank Lanna) Robert daCosta. illus Mil Elect/Countermeasures 4:39-40+ May '78

ELECTRONIC INDUSTRY AND TRADE - ContinuedUnited States - Cont'd

The changing world of defense electronics. Bernard Conrad Cole. illus tabs Elect Warfare/Def Elect pt 1, The military and the semiconductor industry: A maturing relationship. 10:37-38+ Jun '78; pt 2, The impact of LSI microprocessors on the military. 10:73+ Jul '78; pt 3, Industry and the military: Ironing out the wrinkles. 10:75-76+ Aug '78

Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78

Financial Spec brought to EW industry. illus Elect Warfare/Def Elect 10:28-29 May '78

The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaborg) illus Govt Exec 10:42+ Sep '78

The military/aerospace IC (Integrated Circuit) market, 1978. John D.Shea. tabs Mil Elect/Countermeasures 4:87-88 Apr '78

Military electronics--a quarter trillion dollar market. Murry Shohat. tabs Mil Elect/Countermeasures 4:30+ Dec '78

Military IC (Integrated Circuit) specification trends and highlights. Jim Martin and Jerry Streb. Mil Elect/Countermeasures 4:51-52 Apr '78

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 61:67-69 Jul '78

Directories

Military integrated circuits. tabs Mil Elect/Countermeasures 4:27+ Apr '78; Section A, Supplement. 4:60 May '78

Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 4:51+ Sep '78

The 1978 AFCEA sustaining and group member capabilities directory. illus Signal 32:78-141 Jan '78

ELECTRONIC RECEIVING EQUIPMENT

Antenna/receiver interdependency stressed. illus tabs Elect Warfare/Def Elect 10:79-81+ Jun '78

Countermeasures and communications from Thomson-CSF. G.S.Sundaram. illus Intl Def Rev 11, No.4:569-572 '78

Cutlass uses Heathkit-type discriminator. illus Elect Warfare/Def Elect 10:80+ Jan '78

Egypt deploys British ESM. illus Elect Warfare/Def Elect 10:79-80 Jan '78

New receiver solves operational problems with minimum complexity. illus tabs Elect Warfare/Def Elect 10:81-82+ Sep '78

New receivers spur Navstar's progress. illus Elect Warfare/Def Elect 10:65-69 Feb '78

Receiver performance: What does sensitivity really mean? Jeffrey C.Harp. illus Elect Warfare/Def Elect 10:96+ May '78

Surveillance system for submerged submarines developed. illus Elect Warfare/Def Elect 10:71-73 Dec '78

Understanding DF accuracy of radar warning receivers. Stephen E.Lipsky. illus tabs Elect Warfare/Def Elect 10:65-67+ Apr '78

ELECTRONIC RECEIVING EQUIPMENT - Continued

What the receiver will see. David L. Adamy. illus
Mil Elect/Countermeasures 4:47-49 Oct '78

ELECTRONIC RESEARCH

ASPJ (Airborne Self Protection Jammer). (Bidders' concerns, source selection process) Coleman Rodgers. illus Mil Elect/Countermeasures 4:47-48+ Jun '78

ASPJ (Airborne Self Protection Jammer); Partners at last (Air Force-Navy). Coleman Rodgers. illus Mil Elect/Countermeasures 4:18+ Apr '78

DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78

Defense electronics R&D roundup. Regular feature in issues of Electronic Warfare/Defense Electronics beginning with August 1978

ERADCOM's (Army's Electronics Research And Development COMmand) elements detailed. tab Elect Warfare/Def Elect 10:30 May '78

ESD (Electronic Systems Division); Enhancing effectiveness electronically. Edgar Ulsamer. illus AF Mag 61:46-52+ Jul '78

Military electronics in the 1980s: Air Force. (Interview with Col James D. Everett) illus Mil Elect/Countermeasures 3:26+ Dec '77-Jan '78

Military electronics in the 1980s: Army. Gerald Green. illus Mil Elect/Countermeasures 3:34-35 Dec '77-Jan '78; Mil Rev 58:70-75 Nov '78

Military electronics in the 1980s: DARPA. George H. Hellmeier. Mil Elect/Countermeasures 3:33 Dec '77-Jan '78

Military electronics in the 1980s: Navy. Gerald Green. illus Mil Elect/Countermeasures 3:36-37 Dec '77-Jan '78

ELECTRONIC SWITCHING see Switching SystemsELECTRONIC SYSTEMS DIVISION

ESD (Electronic Systems Division); Enhancing effectiveness electronically. Edgar Ulsamer. illus AF Mag 61:46-52+ Jul '78

ESD's (Electronic Systems Division) business management program. Peter T. Macy. illus tab AF Compt 12:16-18 Oct '78

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 61:67-69 Jul '78

ELECTRONIC TRANSMITTING EQUIPMENT

Amplifier bricks power mil avionics systems. illus Elect Warfare/Def Elect 10:71-73 Nov '78

Countermeasures and communications from Thomson-CSF. G.S. Sundaram. illus Intl Def Rev 11, No. 4:569-572 '78

New transmitter locator system operational. illus tabs Elect Warfare/Def Elect 10:61+ Aug '78

ELECTRONIC WARFARE

See also
Electronic Countermeasures

ELECTRONIC WARFARE - Continued

Antenna/receiver interdependency stressed. illus tabs Elect Warfare/Def Elect 10:79-81+ Jun '78

C³ and EW in the Navy. CAPT Albert A. Gallotta, Jr. illus tab Mil Elect/Countermeasures 4:67-69 Apr '78

Combat support. Everett D. Greinke. illus tab Signal 33:23-24+ Nov-Dec '78

Communications in a jam. Col Vincent Dambraskas. illus Signal 32:6-8 Mar '78

DPEWS (Design-to-Price Electronic Warfare System); The U.S. Navy's new multi-role EW systems. Gowri S. Sundaram. illus tab Intl Def Rev 11, No. 4:618-619 '78

Defense electronics review. Regular feature in issues of Electronic Warfare/Defense Electronics

Defining a ground-based radar ELINT (Electronic Intelligence) system. illus Intl Def Rev 11, No. 7: 1106-1107 '78

EW and NATO communications. A. Nejat Ince. illus maps tabs Signal 32:66-73 Mar '78

EW: The unique weapon. Terry E. Bibbens. illus Signal 32:18-23 Mar '78

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

Electronic warfare capability assessment. TIG Brief 30:20 Sep 8 '78

Electronic warfare round-up. Regular feature in some issues of International Defense Review beginning with No. 5, 1978

The framework for electronics in war. CAPT W. J. Ruhe, Ret. illus Signal 32:10-13 Apr '78

Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78

Helicopters in electronic warfare. G.S. Sundaram. illus Intl Def Rev 11, No. 1:61-64 '78

Israeli electronics: Hawk links and laser guidance. illus Elect Warfare/Def Elect 10:91-95 Jan '78

Italy's Elettronica seizing market leadership. Harry F. Eustace. illus Elect Warfare/Def Elect 10:69-70+ Jun '78

Modern electronic warfare systems from Decca. G.S. Sundaram. illus Intl Def Rev 11, No. 2:257-260 '78

The nature of electronic warfare. WgComdr M. T. Thurbon, Ret. RUSI J for Def Studies 123:33-36 Sep '78

New challenges in EW. LtGen Robert C. Mathis. illus Signal 32:24-26+ Mar '78

1978 NATO summit meeting (Washington, May 30-31, 1978). Charles DeVore. Signal 32:36 Jul '78

Shipboard defense: EW proving its mettle. Richard Hartman. illus Elect Warfare/Def Elect 10:45-50 Aug '78

Shipboard electronic warfare. Richard Hartman. illus Mil Elect/Countermeasures 4:18+ May '78

ELECTRONIC WARFARE - Continued

Simulation breakthroughs: A solution to complex combat problems. illus tabs Elect Warfare/Def Elect 10:53-57+ Jul '78

Status and needs of Army intelligence, surveillance and target acquisition. MajGen Charles D. Daniel, Jr. illus tabs Elect Warfare/Def Elect 10:57+ Sep '78

TRI-TAC considerations of electronic warfare. Frank S. Gutleber and Loren Diedrichsen. illus Signal 32:52+ Mar '78

USMC needs effective EW systems. MajGen John H. Miller. MarCor Gaz 62:14+ Aug '78

What the receiver will see. David L. Adamy. illus Mil Elect/Countermeasures 4:47-49 Oct '78

Wild Weasels prepare to fly F-4G. illus map Elect Warfare/Def Elect 10:70-73 Feb '78

Organization

Intelligence, security and electronic warfare. MajGen William I. Rolya. illus Signal 32:15-17 Mar '78

Study and Teaching

Electronic warfare training for reality. BrigGen David E. Rippetoe, Jr. illus Signal 32:42-45 Mar '78

ELECTRONICSSee alsoAvionics

Managing modern electronics. Gen Alton D. Slay. tab illus AF Mag 61:42-45 Jul '78

Military electronics in the 1980s: Air Force. (Interview with Col James D. Everett) illus Mil Elect/Countermeasures 3:26+ Dec '77-Jan '78

Military electronics in the 1980s: Army. Gerald Green. illus Mil Elect/Countermeasures 3:34-35 Dec '77-Jan '78; Mil Rev 58:70-75 Nov '78

Military electronics in the 1980s: DARPA. George H. Heilmeyer. Mil Elect/Countermeasures 3:33 Dec '77-Jan '78

Military electronics in the 1980s: Navy. Gerald Green. illus Mil Elect/Countermeasures 3:36-37 Dec '77-Jan '78

A question of structure. (Excerpts from address, EASCON, Washington, 1978) Gen Alton D. Slay. illus Elect Warfare/Def Elect 10:11-12+ Dec '78

Technology in modern maritime affairs. Capt J.E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 61:67-69 Jul '78

ELECTRONICS RESEARCH AND DEVELOPMENT COMMAND

ERADCOM's (Army's Electronics Research And Development COMMAND) elements detailed. tab Elect Warfare/Def Elect 10:30 May '78

Military electronics in the 1980s: Army. Gerald Green. illus Mil Elect/Countermeasures 3:34-35 Dec '77-Jan '78; Mil Rev 58:70-75 Nov '78

ELECTRO-OPTICS

AIMVAL/ACEVAL (Air Intercept Missile EVALuation/Air Combat EVALuation) shows need for electro-optics. illus Elect Warfare/Def Elect 10:61-63 Feb '78

Acousto-optics probed for ICBM defense. James Fawcette. illus Elect Warfare/Def Elect 10:49+ Apr '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

Thermal imaging systems from Hughes. Rudi Meller. illus Intl Def Rev 11, No.5:739-742 '78

U.S. infrared, electro-optic countermeasure efforts moving into full swing--major emphasis seen in aircraft self-protection. illus Elect Warfare/Def Elect 10:26+ Jul '78

ELLIS, Richard H.

Deterrence. (Remarks, New York Union League Club, New York, July 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.10:2-8 Oct '78

Joint strategic mission. (Remarks, Comstock Club, Sacramento, Calif, March 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.6:9-15 Jun '78

An open letter to SAC people. Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.2:13-15 Feb '78

Quality of life in the Air Force family. Gen R.H. Ellis. TIG Brief 30:1-2 Dec 1 '78

(SAC) our primary purpose. Gen Richard H. Ellis. por Combat Crew 28:4-5+ Apr '78

(SAC's) year end report--1977. Gen Richard H. Ellis. por Combat Crew 28:2-3+ Jan '78

Strategic Air Command. por AF Mag 61:78-79+ May '78

A strategic blueprint for the '80s. (Strategic Air Command is adjusting its concepts of deterrence) Edgar Ulsamer. por AF Mag 61:47-48+ Sep '78

EMERGING NATIONS see States, NewEMOTIONSSee also

Fear
Panic

When you are most likely to get hurt. Maj Wayne E. Griffith. illus tab Interceptor 20:14-15 Dec '78

EMPLOYMENTSee also

Moonlighting

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

Credit where it's due: Army on-job skills. (Army Skill Recognition Program) Steve Abbott. illus Soldiers 33:27-30 Sep '78

DOD wants job protection for kin o'seas. AF Times 39:12 Aug 21 '78

Engineering education: Is it worth the effort? Col Wallace E. Fluhr. illus AF Engrg & Svcs Qtr 19: 23-24 Aug '78

EMPLOYMENT - Continued

- Fed jobs open to vets--help still available. AF Times 39:22 Aug 14 '78
- Guide to encourage hiring of part-timers. AF Times 38:2 Jan 1 '78
- Job figures ignore military. Richard C. Barnard. AF Times 38:14+ Apr 3 '78
- Looking for a job differently. Richard C. Anletta. MarCor Gaz 62:14-15 Oct '78
- Management implications of the Bakke case. (Remarks, Kelly Management Club, Kelly AFB, Tex, July 19, 1978) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 11:30-36 Nov '78
- Many summer jobs now closed to kin. Randy Shoemaker. AF Times 38:10 Mar 6 '78
- O'seas hiring opinion stalled; OK with AF. AF Times 38:33 Jun 5 '78
- The resettlement of other ranks. Edward M. Spiers. Royal Air Forces Qtr 18:154-156+ Summer '78
- Ruling hits overseas jobs for kin. Randy Moore. AF Times 38:1+ Jul 10 '78
- 17 key answers about job rights for Reservists. Officer 54:22 Jul '78

ENERGY CONSERVATIONSee also

Computers--Energy Conservation Applications

- Air Force Facility Energy Program. Col James R. Hawkins. illus tab AF Engrg & Svcs Qtr 19:9-10+ Feb '78
- Air Force solar energy programs. AF Plcy Ltr for Comdrs: Sup No. 3:38-39 Mar '78
- Airborne IR surveys. Lewis E. Link, Jr. illus Mil Engr 70:246-247 Jul-Aug '78
- The convincing value of IR techniques. Bob Bates and Lewis E. Link. illus tab AF Engrg & Svcs Qtr 19:10-13+ Nov '78
- Driving to conserve gas. illus tab Translog 9:16-17 Sep '78
- Energy and the alternatives. illus Mil Engr 70:12-16 Jan-Feb '78
- Energy conservation checklist. Stanley F. Robertson. illus Mil Engr 70:250-253 Jul-Aug '78
- Energy conservation opportunities in military construction. Milton Meckler. illus tabs Mil Engr 70:30-33 Jan-Feb '78
- Energy management in the Navy's shore establishment. RADM Donald G. Iselin. illus Mil Engr 70:8-11 Jan-Feb '78
- Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J. W. Morris. illus Mil Engr 70:4-7 Jan-Feb '78
- Energy productivity--a major Air Force initiative to light the way. (BEAP, Building Energy Audit Program) Col William M. Shaw and others. illus tabs AF Engrg & Svcs Qtr 19:2-8+ Feb '78
- Fuel salvation--the fuel you save may be the fuel that saves you. tab MAC Flyer 25:10-11 Apr '78
- Inertia welding--industrial energy saver. Al S. Wadleigh. illus Natl Def 63:41-42+ Jul-Aug '78

ENERGY CONSERVATION - Continued

- Infrared thermography. James G. Smith, Jr. illus Mil Engr 70:97-99 Mar-Apr '78
- Lost megawatts flow over nation's myriad spillways. David E. Lilienthal. (Reprinted from Smithsonian, Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78
- Mission-oriented energy management. TIG Brief 30:22 Dec 1 '78
- No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78
- The real world of facility (NASA) energy reduction. Robert H. Curtin. illus tabs Mil Engr 70:37-39 Jan-Feb '78
- Seeking energy independence. (Remarks, Kaskaskia Industrial Development Corp, Belleville, Ill, Oct 8, 1977) MajGen John W. Collens. AF Plcy Ltr for Comdrs: Sup No. 12:25-30 Dec '77
- Small hydro project potential at existing dams. Robert N. Janopaul and David C. Willer. illus tab Mil Engr 70:318-322 Sep-Oct '78
- 'Space' ideas point way to energy saving (by the average family). AF Times 39:50 Sep 25 '78
- Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78
- Using solid waste energy sources at military installations. William H. VerEecke. illus tabs Mil Engr 70:238-240 Jul-Aug '78
- W(right)-P(atterson, AFB, Ohio) expands energy monitoring. AF Times 38:51 May 1 '78

ENERGY CRISIS

- The demand for resources--a cause for conflict. (Remarks, Iron Gate Chapter Luncheon, Air Force Assoc, New York, Dec 7, 1977) John C. Stetson. AF Plcy Ltr for Comdrs: Sup No. 1:2-6 Jan '78
- Energy. E. W. Seabrook Hull. tabs Natl Def 63:36-40+ Jul-Aug '78
- Energy and the alternatives. illus Mil Engr 70:12-16 Jan-Feb '78
- Energy conservation opportunities in military construction. Milton Meckler. illus tabs Mil Engr 70:30-33 Jan-Feb '78
- Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J. W. Morris. illus Mil Engr 70:4-7 Jan-Feb '78
- Energy resources: Revisited 1977. William B. Haidler. illus AU Rev 29:39-50 May-Jun '78
- Foreign energy sources and military power. Majs Daniel W. Christman and Wesley K. Clark. illus Mil Rev 58:3-14 Feb '78
- Lost megawatts flow over nation's myriad spillways. David E. Lilienthal. (Reprinted from Smithsonian, Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78
- A new look at domestic petroleum resources. Betty M. Miller. illus maps tabs Mil Engr 70:86-90 Mar-Apr '78
- No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78
- The outlook for imported energy. Warren E. Burch. illus tabs Log Spectrum 12:11-15 Spring '78

ENERGY CRISIS - Continued

The real world of facility (NASA) energy reduction. Robert H. Curtin. illus tabs Mil Engr 70:37-39 Jan-Feb '78

Seeking energy independence. (Remarks, Kaskaskia Industrial Development Corp, Belleville, Ill, Oct 8, 1977) MajGen John W. Collens. AF Ploy Ltr for Comdrs: Sup No. 12:25-30 Dec '77

A world in mutation. (Address, Huntingdon College, Montgomery, Ala, Oct 14, 1977) John Patrick Walsh. illus Log Spectrum 12:5-10 Spring '78

ENERGY DEPT

Department Of Energy (DOE) field check. TIG Brief 30:13 Feb 3 '78

What makes procurement unique at the Energy Department. Interview. Michael J. Tashjian. illus Govt Exec 10:13-17 Jan '78

ENERGY POLICYRussia

Moscow's changing oil and gas strategy: A new geography. Stefan T. Possony. Def & For Aff Dig 6, No. 11:4-7+ '78

United States

Energy. E.W. Seabrook Hull. tabs Natl Def 63:36-40+ Jul-Aug '78

Energy and the alternatives. illus Mil Engr 70:12-16 Jan-Feb '78

Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J.W. Morris. illus Mil Engr 70:4-7 Jan-Feb '78

Energy notes. Regular feature in issues of National Defense beginning with July-August 1978

Energy resources: Revisited 1977. William B. Haidler. illus AU Rev 29:39-50 May-Jun '78

ENERGY RESEARCH

Energy management in the Navy's shore establishment. RADM Donald G. Iselin. illus Mil Engr 70: 8-11 Jan-Feb '78

Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J.W. Morris. illus Mil Engr 70:4-7 Jan-Feb '78

Energy notes. Regular feature in issues of National Defense beginning with July-August 1978

Seeking energy independence. (Remarks, Kaskaskia Industrial Development Corp, Belleville, Ill, Oct 8, 1977) MajGen John W. Collens. AF Ploy Ltr for Comdrs: Sup No. 12:25-30 Dec '77

Solar power satellites: Why the push is on. illus Govt Exec 10:14-15+ Jul '78

ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

Laser isotope enrichment: A new dimension to the nth country problem? Robert L. Bledsoe. tabs AU Rev 29:34-50 Mar-Apr '78

ENERGY RESOURCES see Power ResourcesENGINEER CENTERS AND SCHOOLSAir Force

Civil Engineering School (AFIT) program. Col Oren G. Strom. illus AF Engrg & Svcs Qtr 19:3-6 Aug '78

Not under a shade tree (3770th Technical Training Gp, Sheppard AFB, Tex). Col Robert F. Darden, Jr. illus AF Engrg & Svcs Qtr 19:7-10 Aug '78

ENGINEERING

See also specific types of engineering, e.g.,
Civil Engineering
Military Engineering

Emergency debris removal at Mud Mountain Dam (Enumclaw, Wash). Henry N. Nakagawa. illus Mil Engr 70:100-102 Mar-Apr '78

Engineering--key to survival. LtGen Ernest Graves. Mil Engr 70:334-335 Sep-Oct '78

Study and Teaching

Engineering education: Is it worth the effort? Col Wallace E. Fluhr. illus AF Engrg & Svcs Qtr 19: 23-24 Aug '78

ENGINEERS

A check list for written communication. George F. McCandless, Jr. (Condensed from Logistics Spectrum, Winter 1972) Log Spectrum 12:8-9 Fall '78

A guide to P.E. (Professional Engineer) refresher courses. John Constance. illus Mil Engr pt 1, 70:34-36 Jan-Feb '78; pt 2, 70:103-105 Mar-Apr '78

Laws and Regulations

Passing the P.E. (Professional Engineer) exam the first time. John D. Constance. illus Mil Engr 70: 408-411 Nov-Dec '78

Air Force

(AFIT) Civil Engineering School graduates 25,000th student. illus AF Engrg & Svcs Qtr 19:26 Feb '78

Prime BEEF (Base Engineering Emergency Forces). TIG Brief 30:19 Mar 31 '78

Quality engineers through the ROTC program. LtCol James M. Warren. illus tabs AF Engrg & Svcs Qtr 19:33-35 Aug '78

Remote assignments continue to decline. tab AF Engrg & Svcs Qtr 19:22-24 Nov '78

W-P (4950th Test) Wing 'feeds' on complex duty. Sharon A. Jones. illus AF Times 39:7 Sep 25 '78

Army

American dredging: The turning point. John M. Edinger. illus Mil Engr 70:388-391 Nov-Dec '78

Combat engineers. Steve Abbott. illus tabs Soldiers 33:6-10 May '78

Dredging: A vital but troubled industry. Thomas M. Turner. illus Mil Engr 70:405-407 Nov-Dec '78

Dredging the nation's waterways: A big job for industry and the Army Corps of Engineers. MajGen Charles I. McGinnis. illus tab Mil Engr 70:402-404 Nov-Dec '78

ENGINEERS - ContinuedArmy - Cont'd

Engineer. Col Gene B. Welch. Armor 87:41-44 Jul-Aug '78

(Military engineering--a national asset) Interview. LtGen John W. Morris. illus Mil Engr 70:234-237 Jul-Aug '78

White House, DOD debate future of new "home" for Corps of Engineers. Armed Forces J Intl 116:50-51 Dec '78

Equipment

The M-9 armored tractor joins the engineer team. William R. Barwick. illus Natl Def 63:22-23 Sep-Oct '78

History

The nation builders. Lawrence P. Grayson. illus Soldiers 33:12-13 May '78

Oldest of them all (Massachusetts 101st Engineer Battalion and 182d Infantry). Martin K. Gordon. illus Soldiers 33:34-35 Jun '78

Workin' on the railroad. Philip R. Smith, Jr. illus map Soldiers 33:43-45 Aug '78

Marine Corps

Combat support: Engineer. Capt R. I. Leonard and 1stLt W. R. Wingate. MarCor Gaz 62:52-53 Jul '78

National Guard--Army

The Stockbridge (Indian) Reservation road. illus Natl Guardsman 32:10-11 Aug '78

ENGINES

See also specific types of engines, e.g.,
 Diesel Engines Jet Engines
 Gas Turbines Marine Engines
 also subdivision Engines under specific subjects, e.g.,
 Airplanes--Engines
 Airplanes, Fighter--Engines
 Airplanes, Military--Engines
 Helicopters--Engines
 Helicopters, Military--Engines
 Rockets--Engines

History

Steam locomotives. Perry M. Shoemaker. illus Def Trans J 34:6-10+ Oct '78

Maintenance and Repair

Joint Oil Analysis Program (JOAP). TIC Brief 30:17 Oct 6 '78

Oil analysis--preventive maintenance at its best. 1stLt Bruce S. Jasurda. illus Army Log 10:30-31 Jan-Feb '78

ENLISTED MENSee also

Airmen
 Noncommissioned Officers
 Soldiers

GAO: Set \$ limits on EM barracks. Ron Sanders. AF Times 38:10 Mar 27 '78

(Gen) Haig backs travel pay for Jr EM. AF Times 38:55 Mar 20 '78

ENLISTED MEN - Continued

Impact seen as minimal if Jr EM travel OK'd. AF Times 38:22 Apr 24 '78

Jr EM family travel questioned. AF Times 38:25 Feb 27 '78

Jr EM (financial) aid slow, but OK. AF Times 39:3 Aug 7 '78

Jr EM travel \$\$ asked--House panel (Armed Services Committee) extends bid to CONUS. Andy Plattner. AF Times 38:3 Mar 20 '78

Jr EM travel past 1st step. Andy Plattner. AF Times 38:1+ Jun 12 '78

Panel (President's Commission on Military Compensation) backs EM RIF pay. Tom Philpott and Andy Plattner. AF Times 38:3 Feb 27 '78

Pay commission (President's Commission on Military Compensation) ignores EM's plight, NCOA says. AF Times 38:3 Mar 13 '78

Pay panel (President's Commission on Military Compensation) EM staffers give views. AF Times 38:1+ Mar 13 '78

Plight of EM o'seas hit. Richard Barnard. AF Times 38:27 Apr 10 '78

Priority sought for lower ranks: Substandard housing. Ron Sanders. AF Times 38:1+ Mar 6 '78

The promotion of enlisted women in the military: A research note. John Sibley Butler and Rose M. Brewer. tabs Armed Forces & Soc 4:679-688 Summer '78

Relief seen for enlisted short of cash overseas. AF Times 38:1+ Feb 20 '78

Retired officer income takes bigger dip than does EM's. Tom Philpott. AF Times 38:4 May 15 '78

Soldiers' Home eyes EM in top slots. AF Times 38:33 Apr 10 '78

White backs EM travel help. Interview. John P. White. illus AF Times 38:37-38+ Apr 10 '78

White Hats Panel reports: EM blast pay, benefits situation. Andy Plattner. AF Times 38:16+ Mar 20 '78

ENLISTMENT see

Recruiting and Enlistment
 Reenlistment

ENVIRONMENTSee also

Pollution

The AICUZ (Air Installation Compatible Use Zone) program at Dobbins AFB (Ga). Col John H. Smith. illus AF Engrg & Svcs Qtr 19:34-37 Feb '78

The Air Force and environmental responsibility. (Remarks, New Haven Air Force Assoc, Conn, Oct 28, 1977) Antonia Handler Chayes. AF Pley Ltr for Comdrs: Sup No. 12:15-24 Dec '77

Attacking litter through the structure works. John A. Upton. illus Govt Exec 10:37-38+ Jun '78

The future of container ports. Lee Sellers. illus Def Trans J 34:30-32 Jun '78

MX impact to be limited. AF Times 38:55 Feb 13 '78

ENVIRONMENT - Continued

The management of the ecological crisis: The problem of environment. Niu Sien-chong. NATO's Fifteen Nations 22:122-123+ Oct-Nov '77

Solar power satellites: Why the push is on. illus Govt Exec 10:14-15+ Jul '78

Laws and Regulations

Environmental impact statements and the DOD decision-making process. William L. Robertson. illus Def Mgt J 14:48-51 Mar '78

ENVIRONMENTAL PROTECTION AGENCY

The Air Force and environmental responsibility. (Remarks, New Haven Air Force Assoc, Conn, Oct 28, 1977) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 12:15-24 Dec '77

A case for mandatory certification (for wastewater treatment). SMSgt Hermie Corns. illus AF Engrg & Svcs Qtr 19:30-32 Feb '78

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

How SNOTEL (SNOW TELelemetry) could help solve several government problems. Govt Exec 10:25+ Dec '78

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

See also
National Oceanic and Atmospheric Administration

ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAF) see Air Force Environmental Technical Applications CenterEQUAL EMPLOYMENT OPPORTUNITY see Equal OpportunityEQUAL OPPORTUNITY

AF-wide impact ahead in over-40 bias case. AF Times 38:6 Apr 10 '78

CSC (Civil Service Commission) seeks to brighten work picture--more jobs for women. Randy Moore. AF Times 38:14 Feb 20 '78

Civilian opportunity plan has made 'small' impact. Randy Moore. AF Times 38:4 Apr 17 '78

Discrimination called widespread problem. (Interview with M. Kathleen Carpenter) Tom Philpott. illus AF Times 38:30-31 May 22 '78

EEO reg change aids handicapped. AF Times 38:6 Apr 17 '78

Equal Employment Opportunity (EEO), upward mobility, and the manager. TIG Brief 30:17 Feb 3 '78

Helping Hispanic careers. AF Times 38:10 Jan 23 '78

Justice (Dept) brief backs vet hiring priority. AF Times 39:8 Dec 18 '78

Management implications of the Bakke case. (Remarks, Kelly Management Club, Kelly AFB, Tex, July 19, 1978) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 11:30-36 Nov '78

NCO (Sgt1C Richard W. Klucsarits) fails in VFW sex-bias charge. AF Times 38:25 May 1 '78

EQUAL OPPORTUNITY - Continued

VFW tries to head off collision over sex bias. AF Times 38:4 Jul 3 '78

Study and Teaching

Civilian EO program gets boost (through a series of regional seminars and through formal instruction at Air University). AF Times 39:16 Sep 11 '78

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Middle East War, 1973--Equipment
Railroads--Equipment

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Air Force--Great Britain

Crystal ball, Mark I (short range). ACM Christopher Foxley-Norris. Army Qtr 108:14-20 Jan '78

Air Force--U.S.

Availability and use of test equipment and tools to determine vehicle malfunctions. TIG Brief 30:14 Nov 3 '78

Controlling your tools and equipment. TIG Brief 30:11 Oct 6 '78

Property management. TIG Brief 30:11 Aug 25 '78

Reliability improvement warranties and combat readiness. Gen Bryce Poe II. TIG Brief 30:1 Mar 3 '78

Reporting MDRs (Material Deficiency Reports). TIG Brief 30:15 Dec 15 '78

Handbooks, Manuals, etc

Military Handbook 300 technical information file. TIG Brief 30:18 Oct 6 '78

Maintenance and Repair

Fair wear and tear versus abuse. TIG Brief 30:18 Jul 7 '78

The RMP (Resources, Management and Productivity) ... a system to insure control over decreasing resources. Capt P.J. Toussaint and MSgt Louis Col-lachi. illus AF Engrg & Svcs Qtr 19:34-36 May '78

Testing

They're only human. (AF personnel and civilian volunteers are used to test human response to various types of aerospace stress) Capt Dick Sheffield. illus Airman 22:44-48 Nov '78

Armed Forces--Canada

The defence of Canada. Col Norman L. Dodd. Army Qtr 108:38-46 Jan '78

Armed Forces--Germany (Federal Republic)Exhibitions

Ausstellung Bundeswehr 77. tabs NATO's Fifteen Nations 22:108-111 Oct-Nov '77

Statistics

Ausstellung Bundeswehr 77. tabs NATO's Fifteen Nations 22:108-111 Oct-Nov '77

EQUIPMENT - ContinuedArmed Forces--NATO

O'seas troops to get European vehicles. Len Falmiglietti. AF Times 38:4 Mar 6 '78

Armed Forces--U.S.Maintenance and Repair

New maintenance manuals help to reduce life-cycle costs. Maj Troy V. Caver. tabs Def Mgt J 14:26-31 Sep '78

Army--France

French wheeled combat vehicles. LtCol Claude deBisschop. illus tab Armor 87:29 Jan-Feb '78

Army--Germany (Federal Republic)

The Begleitpanzer 57 mm--a new combat vehicle concept for the '90s. illus tab Intl Def Rev 11, No.2:222-224 '78

Army--Great BritainExhibitions

BAEE (British Army Equipment Exhibition) '78: British Army awaits go-ahead for new equipment programs. illus tab Intl Def Rev 11, No.7:1077-1084 '78

British Army Equipment Exhibition (Aldershot, June 19-23, 1978). illus NATO's Fifteen Nations 23:88+ Jun-Jul '78

Preview of the British Army Equipment Exhibition (Aldershot, June 20-23, 1978) illus Intl Def Rev 11, No.4:589-592 '78

Army--NATO

"USAREUR's equipment inventory at highest level state ever." Interview. Gen George Samuel Blanchard. illus tab NATO's Fifteen Nations 22:95-97+ Dec '77-Jan '78

Army--U.S.

All in the FAMECE (Family of Military Engineer Construction Equipment). illus Natl Def pt 1. Allen O. Elkins. 58:532-535 May-Jun '74; pt 2. William R. Barwick. 62:390-391+ Mar-Apr '78

Army acquisition policy and national security. LtGen Howard H. Cooksey, Ret. tabs Army Log 10:2-5 Jan-Feb '78

CEGE's (Combat Equipment Group Europe) got it all! Steve Abbott. illus Soldiers 33:49-51 Nov '78

Decisions. (Speech, Abrams Chapter, U.S. Armor Assoc, April 4, 1978) Gen Walter T. Kerwin, Jr. illus Armor 87:10-11 May-Jun '78

Jack of all trades (Universal Engineer Tractor (UET)). Robert E. Nette. illus tab Soldiers 33:50-51 Aug '78

LCSS (Lightweight Camouflage Screen System) for the M109. James L. Parcher. illus Fld Arty J 46:58-59 Jan-Feb '78

Supply accountability critical to Army. Review 58:26 Sep-Oct '78

Exhibitions

Future programs dominate U.S. Army Show (Washington, Oct 17-19, 1977). illus Intl Def Rev 11, No.1:86-92 '78

EQUIPMENT - ContinuedArmy--U.S. - Cont'dMaintenance and Repair

Corps materiel management center. LtCol Jerry W. Betts. illus Army Log 10:30-33 Jul-Aug '78

Direct support maintenance--new or tried and true? MajGen Homer D. Smith and Maj Robert P. McFarlin. illus Army Log 10:12-15 Jul-Aug '78

Maintenance problem. LtCol Clarke A. Hamon. illus Infantry 68:10-12 May-Jun '78

(Mechanical Maintenance) CMF (Career Management Field) 63 changes proposed. chart Army Log 10:22-25 Sep-Oct '78

The right stocks forward. Maj Lynn W. Kling. illus Army Log 10:20-23 Nov-Dec '78

Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78

Testing

Reliability testing: Why we need it. Robert L. Miller. illus USA Avn Dig 24:30-32 May '78

Simplified vehicle test equipment. Donald S. Sarna and Joseph W. Stayaert. illus Natl Def 62:480-482+ Mar-Apr '78

Marine Corps--U.S.

Can Marine ground commanders bridge the gap? Capt J.A. Marapoti. illus MarCor Gaz 62:43-48 Jun '78

Proposing some new models for Marine mechanized units. William S. Lind. illus MarCor Gaz 62:34-38 Sep '78

National Guard--Army--U.S.Maintenance and Repair

Another first for Army Guard Aviation. (Modular Engine Test Stand (METS)) illus USA Avn Dig 24:5 Feb '78

NavyExhibitions

INTEC (International Naval Technology Expo and Conference) '78--Rotterdam in retrospect. illus tab Intl Def Rev 11, No.6:921-932 '78

International Navy Technology Expo '78 (Rotterdam, June 6-8, 1978). illus NATO's Fifteen Nations 23:84+ Jun-Jul '78

Navy--Great BritainExhibitions

Highlights of the 1977 RN (Royal Navy) Equipment Exhibition (Greenwich, Sep 12-16)--expertise and controversy. illus Intl Def Rev 10:1131-1134 Dec '77

Navy--ItalyExhibitions

The Italian Naval (Industry) Exhibition (Genoa, May 8-14, 1978). illus NATO's Fifteen Nations 23:79-80 Jun-Jul '78

The 1978 Italian Naval Exhibition. illus Intl Def Rev pt 1, Ships and aircraft. 11, No.5:769-772 '78; pt 2, Weapons, sensors and propulsion. 11, No.6:963-965 '78

EQUIPMENT - ContinuedNavy--Russia

Soviet naval electronic technology. STCM Jim Busert. illus US Nav Inst Proc 104:105-108 Feb '78

Soviet naval electronics: Getting set for the 'eighties. Milan Vego. illus tab Def & For Aff Dig 6, No.11: 12-13+ '78

Navy--U.S.

The Navy's R&D initiatives in advanced-testing technology. George W. Neumann and Mel E. Nunn. illus Def Mgt J 14:3-7 Sep '78

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Converting a tactical fighter wing or flying in ever-diminishing concentric circles. LtCol Joseph Rodero. illus TAC Attack 18:24-26 Oct '78

Federal government software conversion. Paul Oliver. illus Def Sys Mgt Rev 1:1-15 Summer '78

Proper classification of modification proposals. TIG Brief 30:12 Jul 21 '78

Reserve, ANG to get more modern planes. AF Times 38:16 Feb 27 '78

ESCAPE AND EVASION see Evasion and Escape

ESCAPE EQUIPMENT

See also

Ejection Equipment
Parachutes

ESKIMOS

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

ESPIONAGE

Espionage. TIG Brief 30:8 Jan 20 '78

Espionage doesn't end with detente. AF Times 38:22 May 15 '78

ESTIMATE OF THE SITUATION

Assessment of the situation. Col A. Vasilyev. illus Soviet Mil Rev No. 9:18-21 Sep '78

Commander ascertains mission. Col A. Akimov. illus Soviet Mil Rev No. 3:17-18 Mar '78

ETHICS

See also

War--Ethical Aspects

Are professionalism and integrity only a myth? LtCol Raymond F. Hamel. illus AU Rev 29:60-67 May-Jun '78

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Donn Starry. Govt Exec 10:18-19 Jan '78

Harold Brown "works" his way South--for eight days of vacation. F. Clifton Berry, Jr. Armed Forces J Intl 115:13-14 Feb '78

(Integrity) Gen Bryce Poe II. TIG Brief 30:1-2 Oct 20 '78

Integrity at the Air Force Academy: The key ingredient. TIG Brief 30:11-12 Oct 20 '78

ETHICS - Continued

Integrity: Both possible and practical! TIG Brief 30: 3-4 Aug 25 '78

The officer as a model of ethical conduct. Ch(Capt) Donald R. Turkelson. illus Mil Rev 58:56-65 Jul '78

Opposition to the new OER: A crisis alert! Maj Daniel R. Peterson. AU Rev 29:68-72 May-Jun '78; Comment. AF Times 39:2 Jul 31 '78

A professional ethic for the military? Gen Maxwell D. Taylor. Ret. Army 28:18-21 May '78

Professionalism: The guardian of social order. (Remarks, Wayne County Bar Assoc, Goldsboro, NC, May 5, 1978) BrigGen James Taylor, Jr. AF Ploy Ltr for Comdrs: Sup No. 7:15-19 Jul '78

Sisyphus as a soldier: Ethics, exigencies, and the American military. James H. Toner. illus Parameters 7, No. 4:2-12 '77

Soviet military ethics. MajGen D. Antonov. Soviet Mil Rev No. 9:28-29 Sep '78

When ethic codes clash: Absolute vs situational. LtCol Ernest L. Webb. Army 28:31-33 Mar '78

ETHIOPIAStrategic Importance

Soviet thrust into the Horn of Africa: The next targets. Peter Vanneman and Martin James. illus tab Strat Rev 6:33-40 Spring '78

EUROCOMMUNISM see Communism--Europe, Western

EUROPE, EASTERNStrategic Importance

Eastern Europe in the strategic balance. James A. Kuhlman. illus Parameters 8:72-84 Mar '78

EUROPE, WESTERN

The Benelux and northern German plains avenue of approach. LtCol Clayton A. Pratt. illus maps Mil Rev 58:2-8 Jun '78

NATO's cohesion, Europe's future. Maj Robert W. Chandler. illus tab AU Rev 29:8-21 May-Jun '78

Politics and Government

Eurocommunism, a pseudo-phenomenon. Angelo M. Codevilla. illus Strat Rev 6:62-70 Fall '78

Eurocommunism: A rope for the West? John Biggs-Davison. NATO's Fifteen Nations 22:32-33+ Oct-Nov '77

Eurocommunism: Its stakes and risks. K. Robert Nilsson. illus Parameters 7, No. 4:35-45 '77

EUROPEAN COMMAND

Haig agrees to serve one more year, not two--Pentagon says it "goofed." R. L. Janisch and Benjamin F. Schemmer. illus Armed Forces J Intl 116:16 Nov '78

EUROPEAN COMMAND, ALLIED see Allied Command Europe

EVACUATION, CIVILIAN

Evacuation by military force. Maj W. Hays Parks. illus MarCor Gaz 62:24-33 Sep '78

EVACUATION, CIVILIAN - Continued

Report (by GAO) has bad news about kin evacuation.
Tom Philpott. AF Times 39:2 Nov 20 '78

Vietnam evacuation--a postscript. James D. Sprinkle.
illus Am Avn Hist Soc J 22:267 Winter '77

EVACUATION, MILITARY

Evacuation by military force. Maj W. Hays Parks.
illus MarCor Gaz 62:24-33 Sep '78

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

The great debate (final examination). LtCol William
F. Corroum. illus Educ J 20:44-47 Spring '78

Successful evaluation. Col Ronald J. Rabin. illus Mil
Rev 58:54-61 Aug '78

EVANS, William J.

Thinking "we." Gen William J. Evans. (Reprinted
from EurArmy, May 1978) AF Ploy Ltr for
Comdrs: Sup No. 8:9-11 Aug '78

United States Air Forces in Europe. por AF Mag 61:
86-87 May '78

EVASION AND ESCAPE

Can you survive? Escape & evasion in the winter.
Capt Robert J. Fehrenback. illus Combat Crew
28:8-9 Oct '78

Know your enemy. Capt Milan J. Franceschi. illus
Aerosp Safety 34:11-12 Nov '78

EXAMINATIONS see Tests and MeasurementsEXCHANGE PROGRAMS, MILITARY

See also
Allied Military in the U. S.

AU 'exchange' (of AF and Soviet military lectures)
backed. AF Times 38:42 Feb 6 '78

Good neighbor! Jim MacMaster. illus map Air Re-
servist 29:15 Mar '78

When Lions and Eagles meet. Capt Lee R. Jenkins
and SP5 William J. Pickett. illus Soldiers 33:45-
48 Nov '78

EXCHANGESAir Force--U. S.

Consumer advocacy & Services. Maj Roy G. Kenning-
ton. illus AF Engrg & Svcs Qtr 19:27-28 Feb '78

Plain talk about BX privileges. illus Air Reservist
30:23 Oct '78

Armed Forces--U. S.

AAFES Commander's goals and management philoso-
phy. MajGen Bobby W. Presley. illus Review
57:12+ Mar-Apr '78

AAFES dividends, 1975-78, keep pace with inflation.
Suzanne Viau. AF Times 39:14 Nov 27 '78

Complaints to Army/Air Force Exchange Service.
TIG Brief 30:12 Mar 31 '78

EXCHANGES - ContinuedArmed Forces--U. S. - Cont'd

Exchange savings lower than claimed, audit says.
Richard C. Barnard. AF Times 39:2 Aug 14 '78

Exchanges see no gas setback. AF Times 39:17
Dec 18 '78

Exchanges to try credit o'seas. Richard Barnard.
AF Times 38:3 May 29 '78

Lower-priced goods due soon in BXs. AF Times
38:6 Apr 10 '78

Offshore procurement outlined. Review 57:14 May-
Jun '78

O'seas BXs trimming prices on clothing, linens by
7 percent. AF Times 38:3 Jul 10 '78

Profit picture encourages Presley. (Excerpts from
interview) MajGen Bobby Presley. illus AF Times
39:24 Oct 9 '78

Study says BX shopper saving less. AF Times 38:25
May 29 '78

23 stores, centers, BX planned. AF Times 38:12
Jan 16 '78

Veterinary support for the Army and Air Force Ex-
change Service. TIG Brief 30:16 May 26 '78

History

The little PX that helped make history. (Mobile PX
refreshment stand that provided Berlin airlift
pilots with coffee and snacks between missions)
Dave Karten. illus Review 58:26+ Jul-Aug '78

Navy--U. S.

Projecting the Navy Exchange image. CAPT Gene P.
Olson. illus Review 57:16+ Mar-Apr '78

EXECUTIVES

Transportation executive: Changing times. (Address,
NDTA Transportation & Logistics Forum, Ana-
heim, Calif, Sep 26, 1977) MajGen John L. Boros,
Ret. illus Def Trans J 34:23-26+ Feb '78

EXERCISE

See also
Operation

Arctic Express

Man against nature: Exercise Arctic Express. Maj
J. T. Kallunki. illus NATO's Fifteen Nations 23:
65-68 Apr-May '78

Autumn Forge

Autumn Forge 78/Reforged. illus USA Avn Dig 24:7
Nov '78

Exercise report: Autumn Forge. illus NATO's Fif-
teen Nations 23:92-93+ Oct-Nov '78

Avon Express

Two NATO exercises (Ocean Safari and Avon Ex-
press). Comdr Chris Eliot. illus NATO's Fifteen
Nations 22:114-121 Dec '77-Jan '78

Berezina

Air operations at the "Berezina" exercise. LtGen P.
Bazanov. illus Soviet Mil Rev No. 11:18-19 Nov '78

EXERCISE - ContinuedBlue Flag

Blue Flag: Building the battle staffs. Bonner Day.
illus AF Mag 61:140-145 Sep '78

Wild Weasels prepare to fly F-4G. illus map Elect
Warfare/Def Elect 10:70-73 Feb '78

Bold Eagle

Bold Eagle. illus Air Reservist 29:9 Dec '77-Jan '78

Bold Eagle. illus Translog 9: inside front cover
Jan '78

Bonded Item

Combat support: Artillery. LtCol E.J.Dyer. MarCor
Gaz 62:55-57 Jul '78

Combat support: Communications. Maj B.V.Fountain.
illus MarCor Gaz 62:53-54 Jul '78

Denmark: Bonded Item I. illus maps MarCor Gaz 62:
28-33 Jul '78

Germany: Bonded Item III. illus map MarCor Gaz 62:
34-49 Jul '78

Lessons learned (in Exercises Teamwork and Bonded
Item) and recommendations. MarCor Gaz 62:57-63
Jul '78

Northern European Command exercises. illus map
MarCor Gaz 62:15-19 Jul '78

Brave Shield

Brave Shield 17. LtCol Donald W.Neal. illus Combat
Crew 28:8-11 Jun '78

Guard communicates well. Gerald H.Smith. illus Air
Reservist 30:6-7 Aug '78

Joint training exercise (Brave Shield XVII): "The
Guard does well." Allan R.Scholin. illus Natl
Guardman 32:4-7+ Jun '78

Carbon Edge

At sea with the field artillery (in Exercise Carbon
Edge, 1977). CDR D.L.Davidson. illus Fld Arty J
46:55-57 Mar-Apr '78

Cold Fire

Wings over windmills. Ed Mack Miller. illus AF
Mag 61:39-43 Jan '78

Coronet Poker

(Deployment) 'our greatest challenge.' Maj P.J.
Peterson. illus Air Reservist 29:6-7 Nov '77

Coronet Snipe

Coronet Snipe: The Air Guard in Norway. (A trans-
atlantic deployment of RF-4 Phantoms to help test
the ability of USAF--and ANG--to support NATO
North) Capt Ed Tonini and LtCol Don Armstrong.
illus Natl Guardsman 32:18-21+ Aug '78

Dawn Patrol

Dawn Patrol. TSgt Quentin Worth. illus Air Reservist
30:8 Aug '78

EXERCISE - ContinuedEmpire Glacier

Cold--very, very cold: Empire Glacier '78. Nanse
Grady. illus Translog 9:2-5 Apr '78

'Downed' pilots rescued (in) emergency mission (part
of joint Readiness Command's Exercise Empire
Glacier). Jay Finegan. illus AF Times 38:28
Feb 27 '78

Fix snow shovels. (The Army attacks winter, 1978)
illus Army 28:20-22 Mar '78

Neither snow nor wind nor gloom of night... illus
Air Reservist 30:12-14 Apr '78

Gobi Dust/Steer Pike

When Lions and Eagles meet. Capt Lee R.Jenkins
and SP5 William J.Pickett. illus Soldiers 33:45-
48 Nov '78

Nifty Nugget

Rapid mobilization tested overseas. (Exercise Nifty
Nugget '78) AF Times 39:12 Oct 23 '78

Northern Wedding

Exercise report: The Northern Wedding. illus NATO's
Fifteen Nations 23:90-91 Oct-Nov '78

OKEAN

Trends and patterns in major Soviet naval exercises.
Donald C.Daniel. illus Nav War Col Rev 30:34-41
Spring '78

Ocean Safari

Two NATO exercises (Ocean Safari and Avon Ex-
press). Comdr Chris Eliot. illus NATO's Fifteen
Nations 22:114-121 Dec '77-Jan '78

Realtrain

Realtrain: A critique. Paul R.Bleda. illus tabs Army
28:34-37 Nov '78

Red Flag

Cleared hot! Capt Wayne F.Conroy. illus TAC Attack
18:3-6 Aug '78

Players. (Fighter pilots receive realistic training at
Nellis AFB, Nev, during aerial combat mission
exercises) Robert K.Ruhl. illus Airman 22:21-29
Aug '78

Readiness: C-141 participation in Red Flag. Capt
James J.Lawrence. illus Aerosp Safety 34:1-5
Jan '78

Red Flag: Best training ... next to the real thing.
Maj Teb Baines and Barbara Ann Vessels. illus
Air Reservist 29:14-15 Dec '77-Jan '78

Red Flag: Little impact on aircraft loss rate. Len
Famiglietti. AF Times 39:4 Sep '78

Red Flag mistakes. 1stLt Billy Barbour. illus TAC
Attack 18:10-11 Mar '78

Red Flag: Realism on the range. John Joss. illus AF
Mag 61:40-44 Aug '78

Red Flag: The next best thing to combat. Capt Bill
Craig. illus Combat Crew 28:8-10 Dec '78

EXERCISE - ContinuedRed Flag - Cont'd

War as a daily diet. Capt Terry Millard and LtCol Gary Michels. illus USAF Ftr Wpns Rev, pp 1-2, Fall '78

Wild Weasels prepare to fly F-4G. illus map Elect Warfare/Def Elect 10:70-73 Feb '78

Reforger

Autumn Forge 78/Reforger. illus USA Avn Dig 24:7 Nov '78

By truck, by train, by ship, by plane. illus Translog 9:15 Aug '78

Outline for support. Capt Edward M.A. Fergusson. illus Army Log 10:6-10 May-Jun '78

Reforger 77. MSgt Dick Larsen. illus NATO's Fifteen Nations 23:65-72 Feb-Mar '78

Reforger '77 ... a starring role. Art Covello. illus Air Reservist 29:17 Dec '77-Jan '78

Reforger puts bite in NATO. illus AF Times 39:34 Dec 11 '78

Reforger replay. Steve Abbott. illus Soldiers 33:34-37 Aug '78

Wings over windmills. Ed Mack Miller. illus AF Mag 61:39-43 Jan '78

SAREX

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

Solid Shield

North Carolina ... Puerto Rican style. (Puerto Rico ANG in Solid Shield '78) SSgt John Bunker. illus Air Reservist 30:12-13 Sep '78

One more river to cross. (Solid Shield 78) JO1 Kathy Cote. illus MarCor Gaz 62:3 Aug '78

Protecting the rear areas. Capt Charles R. Heatherly. illus Army Log 10:30-34 Sep-Oct '78

Team Spirit

Team Spirit '78. (US and Republic of Korea hold defensive exercise) SMSgt Harold Newcomb. illus Airman 22:43-48 Sep '78

Teamwork

Combat support: Air. Maj L. Marsh. MarCor Gaz 62:54-55 Jul '78

Combat support: Artillery. LtCol E.J. Dyer. MarCor Gaz 62:55-57 Jul '78

Combat support: Communications. Maj B.V. Fountain. illus MarCor Gaz 62:53-54 Jul '78

Combat support: Engineer. Capt R.I. Leonard and 1stLt W.R. Wingate. MarCor Gaz 62:52-53 Jul '78

Combat support: Shore party and logistics. LtCol J.O. Marsh and 1stLt M. McCormick. illus MarCor Gaz 62:50-51 Jul '78

Lessons learned (in Exercises Teamwork and Bonded Item) and recommendations. MarCor Gaz 62:57-63 Jul '78

EXERCISE - ContinuedTeamwork - Cont'd

Northern European Command exercises. illus map MarCor Gaz 62:15-19 Jul '78

Norway: Teamwork 76. illus maps MarCor Gaz 62:20-27 Jul '78

Total Force Weld

Operation Total Forces Weld I. 1stLt Thomas A. Grandstaff. illus Air Def Mag, pp 24-26, Jan-Mar '78

EXHIBITIONS see subdivision Exhibitions under specific subjects, e.g., Aviation--Exhibitions

EXPLORERS AND EXPLORATIONS

A "Resolute" reminder. (Britain's search for a Northwest Passage) Geoffrey Wallis. illus US Nav Inst Proc 104:74-75 Jan '78

The 'treasure' of Victorio Peak: Where the gold bug bit the dust. (Gold search at White Sands Missile Range, 1977) Ray Nelson. illus map Army 28:32-36 Aug '78

EXPLOSIVE ORDNANCE DISPOSAL

Send for Felix! (Ammunition expert) Col Norman L. Dodd, Ret. illus Mil Rev 58:46-55 Mar '78

EXPLOSIVES AND EXPLOSIONS

Checklist for explosives facility site planners. TIG Brief 30:5 Feb 3 '78

Emergency storage of explosives. TIG Brief 30:7 Jun 23 '78

Explosives facility site plans. TIG Brief 30:9 Jul 7 '78

Explosives safety training and inspection requirements. TIG Brief 30:5 Feb 17 '78

Identification and handling of intransit explosives. TIG Brief 30:6 Nov 17 '78

Operating instructions for explosives operations. TIG Brief 30:10 Sep 22 '78

Quantity-Distance (Q-D) waivers. TIG Brief 30:5 Mar 3 '78

The same sheet of music (for physical security of conventional arms, ammunition, and explosives). (DOD Manual 5100.76M) Myrtle S. Mero. illus tab Translog 9:6-8 May '78

The silver bullet. LtCol Henry M. Crook, Jr. tab TAC Attack 18:26-27 Dec '78

Site plans for explosives facilities. TIG Brief 30:9 Apr 28 '78

Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78

EXPORT TRADE see CommerceEXTRATERRESTRIAL LIFE

The extraterrestrial imperative. Krafft A. Ehrlicke. illus AU Rev 29:2-20 Jan-Feb '78

EYESSee also

Flash Blindness

Aircrew discipline: Who needs glasses? TIG Brief
30:4 May 12 '78

Cosmic ray effects on the eyes of rats flown on
Cosmos No.782, experiment K-007. Delbert E.
Philpott and others. illus Aviation, Space &
Envmt Med 49:19-28 Jan '78

Danger area--look out! Capt William C.Kassen. illus
Combat Crew 28:4-7+ Aug '78

The goggles that turn off the sun. (LADs, Light-
Attenuation Devices) Paul R.Bleda and LtCol
Thomas M.Johnson. illus Army 28:36-39 Mar '78

EYES- Continued

Laser systems & hazards. Maj Jack A.Labo. illus
TAC Attack 18:24-25 May '78

Low atmospheric pressure effects on wearing soft
contact lenses. Weylin G.Eng and others. illus
tabs Aviation, Space & Envmt Med 49:73-75
Jan '78

Luminance thresholds of the water-immersed eye.
Paul F.Smith and others. illus tabs Aviation,
Space & Envmt Med 49:1173-1176 Oct '78

Now you see it ... now you don't. (Collision avoid-
ance) illus tabs Aerosp Safety 34:27 Sep '78

See and avoid concept: Is it effective? Capt Alvin C.
Hoekstra. illus tabs Combat Crew 28:22-24 Aug '78

FAA see Federal Aviation Administration

FAMCAMPs see Recreation

FBI see Federal Bureau of Investigation

FORSCOM see Forces Command

FABYANIC, Thomas A.

Professionalism in transition: The officer corps in the age of deterrence. LtCol Thomas A. Fabyanic. AU Rev 29:38-45 Sep-Oct '78

FALLOUT see Radioactive Fallout

FASTENERS

Here are entered articles on various types of fasteners, e.g., bolts and nuts, washers, pin connectors, etc.

Kaynar keeps fastener technology moving. illus Interavia 33:68 Jan '78

FATIGUE

CFIT (Controlled Flight Into Terrain)--a human factors problem. Maj John E. Richardson. illus Aerosp Safety 34:2-5 Feb '78

Crew rest in Reserve/Guard components. J. Scott Bond. illus tab USA Avn Dig 24:11+ Aug '78

Flight duty and crew rest limitations are for a purpose. TIG Brief 30:7 Apr 28 '78

Quantifying fatigue in working divers. C. Lemaire and others. illus tab Aviation, Space & Envmt Med 49:1160-1167 Oct '78

Sinking spells. illus USA Avn Dig 24:8-9 Feb '78; Aerosp Safety 34:8-9 Mar '78

Sustained operations and sleep deprivation: Effects on indices of stress. R. P. Francesconi and others. illus Aviation, Space & Envmt Med 49:1271-1274 Nov '78

Workload and fatigue--in-flight EEG changes. J. S. Howitt and others. illus tabs Aviation, Space & Envmt Med 49:1197-1202 Oct '78

FATIGUE IN METALS see Strains and Stresses

FEAR

Behavior therapy and the treatment of flight phobia. John E. Carr. tab Aviation, Space & Envmt Med 49:1115-1119 Sep '78

Psychogenic G-force intolerance revisited. Theodore J. Wachs and Carlos J. G. Perry. Aviation, Space & Envmt Med 49:76-77 Jan '78

FECHET, James E.

MajGen James E. Fechet: Chief of the Air Corps, 1927-1931. LtGen Ira C. Eaker, Ret. por AF Mag 61:94-97 Sep '78

FEDERAL ACQUISITION INSTITUTE

Procurement & grants management: New opportunities for career growth. (Federal Acquisition Institute) illus Govt Exec 10:23+ Jun '78

FEDERAL AID

Helping the cities: Are the Feds taking the easy way? illus Govt Exec 10:18-19+ Nov '78

FEDERAL AID - Continued

Small/minority business contracting: Why government's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

FEDERAL AVIATION ADMINISTRATION

Disorientation training in FAA-certificated flight and ground schools: A survey. William E. Collins and others. tabs Aviation, Space & Envmt Med 49:947-951 Aug '78

FAA rules will rate B-52s as "antiques" in 1982. illus Armed Forces J Intl 115:8 Apr '78

(FAA's new surveillance radar) Signal 33:78 Sep '78

Improving the effectiveness of the military training route program. TIG Brief 30:11-12 Jun 23 '78

Why not zero based regulating? Mary F. Silitch. Govt Exec 10:11-12 Jan '78

FEDERAL BUREAU OF INVESTIGATION

Deserters face 'in absentia' discharges. AF Times 38:14 May 22 '78

FBI soon to stop handling deserter cases. Tom Philpott. AF Times 38:1+ Jan 1 '78

FEDERAL PROCUREMENT INSTITUTE see Federal Acquisition Institute

FEDERAL SUPPLY SERVICE

Multiple awarding: A view from the states. Willis Holding, Jr. Govt Exec 10:35-37 Apr '78

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FELLOWSHIPS see Scholarships and Fellowships

FERRYING OF AIRCRAFT

History

Ferry flight (Africa-China, March 1942). C. H. Laughlin. illus map Am Avn Hist Soc J 23:51-57 Spring '78

FIBER OPTICS see Optics

FIELD ARTILLERY see Artillery, Field

FIELD REPRESENTATIVES

Technical representative of the contracting officer. TIG Brief 30:13 Apr 28 '78

FIGHTER UNITS

Chasing the Bear. (USAF 57th Fighter Interception Sq intercepts Russian planes near Iceland) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:2-7 Oct '78

(Deployment) 'our greatest challenge.' Maj P. J. Peterson. illus Air Reservist 29:6-7 Nov '77

F-4 ... Phantom (in William Tell '78). illus Interceptor 20:20-23 Nov '78

F-101 ... Voodoo (in William Tell '78). illus Interceptor 20:24-27 Nov '78

F-106 ... Delta Dart (in William Tell '78). illus Interceptor 20:12-17 Nov '78

I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78

FIGHTER UNITS - Continued

Players. (Fighter pilots receive realistic training at Nellis AFB, Nev, during aerial combat mission exercises) Robert K. Ruhl, illus Airman 22:21-29 Aug '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence, illus Aerosp Safety 34:1-5 Jan '78

Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels, illus Air Reservist 29:14-15 Dec '77-Jan '78

'To ride a Dragonfly.' Tom Wright, illus Air Reservist 29:10-11 Dec '77-Jan '78

Top Guns ... hard to be humble, eh, illus Interceptor 20:30-31 Nov '78

The wheel is getting better. Capt M.G. Brandt, illus TAC Attack 18:18-20 Aug '78

History

Adopted Green Mountain Boys (37th FIS, Ethan Allen AFB, Vt). Marty Isham, illus Am Avn Hist Soc J 23:204-211 Fall '78

The first atomic fighter wing. Col George M. Lunsford, Ret, illus AF Mag 61:79-81 Jun '78

FIGHTER WEAPONS AND GUNNERY MEETSAir Force

The battle ... tough targets and profiles. (William Tell '78) illus Interceptor 20:7-9 Nov '78

F-4 ... Phantom (in William Tell '78). illus Interceptor 20:20-23 Nov '78

F-101 ... Voodoo (in William Tell '78). illus Interceptor 20:24-27 Nov '78

F-106 ... Delta Dart (in William Tell '78). illus Interceptor 20:12-17 Nov '78

The judges' view (of William Tell '78) ... safe and successful. Interview. MajGen Cecil E. Fox, illus Interceptor 20:10-11 Nov '78

Maintainers ... keep 'em flying (in William Tell '78). illus Interceptor 20:28-29 Nov '78

The meet (William Tell '78) ... a tradition. illus Interceptor 20:4-6 Nov '78

Top Guns ... hard to be humble, eh, illus Interceptor 20:30-31 Nov '78

William Tell 1978: The "T" is for Texas. tabs illus Natl Guard 32:20-22+ Nov '78

FINANCESee also

Auditing

Air Force--U.S.See also

Air Force Accounting and Finance Center

The Currency Clearing House--a multi-national effort. LtCol Donald E. Robson, illus AF Compt 12:44-45 Apr '78

The floating dollar and the overseas comptroller. Maj Cary F. Owen, illus tab AF Compt 12:14-15+ Apr '78

FINANCE - ContinuedAir Force--U.S. - Cont'd

(Honoring the military and civilian women assigned to Air Force comptroller offices) illus AF Compt 12:6-28 Jan '78

Notes from the Auditor General. BrigGen Joseph B. Dodds, illus AF Compt 12:34-35 Jan '78

Notes from the Auditor General. BrigGen Joseph B. Dodds, illus AF Compt 12:30-31 Apr '78

Notes from the Auditor General. BrigGen Joseph B. Dodds, illus AF Compt 12:40-41 Jul '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus, illus AF Compt 12:32-33 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus, illus AF Compt 12:32-33 Apr '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus, illus AF Compt 12:20-21 Jul '78

Notes from the Director of Budget. MajGen Hans H. Driessnack, illus AF Compt 12:26-27 Apr '78

Notes from the Director of Budget. MajGen Hans H. Driessnack, illus AF Compt 12:22-23 Jul '78

Notes from the Director of Budget (women analysts in the Directorate of Budget). MajGen Hans H. Driessnack, illus AF Compt 12:6-7 Jan '78

Notes from the Director of Data Automation. BrigGen R.E. Chapman, AF Compt 12:30-31 Jul '78

Notes from the Director of Data Automation. Col A.R. Mourges, illus AF Compt 12:36-37 Jan '78

Notes from the Director of Data Automation. Col A.R. Mourges, illus AF Compt 12:34-35 Apr '78

Notes from the Director of Management Analysis. Col M.R. Peterson, illus AF Compt 12:30-31 Jan '78

Notes from the Director of Management Analysis. BrigGen M.R. Peterson, illus AF Compt 12:28-29 Apr '78

Notes from the Director of Management Analysis. BrigGen M.R. Peterson, illus AF Compt 12:28-29 Jul '78

Resource management (in the 379th Bomb Wing). Maj Jerry N. Steelman, illus AF Compt 12:12-13 Apr '78

Stock Fund purchase of War Reserve Materiel (WRM). tab TIG Brief 30:16 Jul 21 '78

Techniques for financial management. LtCol Arthur T. Stellmach, illus tabs AF Engrg & Svcs Qtr 19:6-9 May '78

Organization

Auditor General. BrigGen Joseph B. Dodds, illus chart AF Compt 12:36-37 Oct '78

(Comptroller organization chart--U.S. Air Force-wide) illus chart AF Compt 12:24-25 Oct '78

Directorate of Accounting & Finance. MajGen Lucius Theus, illus chart AF Compt 12:21+ Oct '78

Directorate of Budget. MajGen Robert Scurlock, illus chart AF Compt 12:22-23 Oct '78

FINANCE - ContinuedAir Force--U.S. - Cont'dOrganization - Cont'd

Directorate of Computer Resources. BrigGen Robert E. Chapman. illus chart AF Compt 12:28-29 Oct '78

Directorate of Cost & Management Analysis. BrigGen M.R. Peterson. illus chart AF Compt 12:26-27 Oct '78

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 12:3 Oct '78

Armed Forces--U.S.See also

Joint Uniform Military Pay System

Army--U.S.

Cash management at Army GOCO (Government Owned Contractor Operated) plants. Gary W. Gates. illus Armed Forces Compt 23:24-25 Aug '78

Comptroller support of contingency exercises. Capt John A. Candioglos. illus Army Log 10:6-9 Sep-Oct '78

A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78

Defense Dept--U.S.

Should Defense managers discount future costs? CDR Rolf H. Clark. illus Def Mgt J 14:12-17 Mar '78

Navy--U.S.Study and Teaching

Developing financial managers for the future. (Navy's centralized financial management trainee program) Richard J. Young. illus Armed Forces Compt 23:30-31 Feb '78

United States

Cost Accounting Standard 414: "Cost of Money as an Element of the Cost of Facilities Capital." Thomas W. Short. illus tab Armed Forces Compt 23:12-14 Feb '78

The quiet revolution in responsibility for government expenditures. Donald L. Scantlebury. illus Armed Forces Compt 23:4-6 Nov '78

FIRE CONTROL

Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

The aerial observer team and TACFIRE. Maj Gary N. Grubb. illus USA Avn Dig 24:12-14 Aug '78

Antiarmor night fighting. illus Armor 87:40-41 Jan-Feb '78

Bates--Britain's second-generation computerized artillery control system. illus Intl Def Rev 11, No.2:256 '78

Beyond the no bomb line--fire support coordination for the 1980s. Capt Peter M. Ossorio. illus Mil Rev 58:72-76 Oct '78

The FIST (Fire Support Team). 2dLt Luther J. Dunn III. illus Fld Arty J 46:56-57 Jan-Feb '78

FIRE CONTROL - Continued

FIST takes to the air. Col James F. McCarthy, Sr and Maj Jim S. Hutchinson. illus Fld Arty J 46:25-27 Nov-Dec '78

Fighting fire with fire control--the future of integrated, multi-sensor fire control systems. RADM Julian S. Lake. illus Def & For Aff Dig 6, No.7:10-12+ '78

The First Team and TACFIRE (Tactical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

How much is enough? LtCol Roy E. Penepacker, Ret and Lonnie R. Minton. illus tab Fld Arty J 46:30-33 Mar-Apr '78

Improving the adjustment of fire. Col Salvo Rizza, Ret. illus Fld Arty J 46:48-53 Jan-Feb '78

King's men: FIST (Fire Support Team). Capt William J. Lennox, Jr. illus Infantry 68:29-30 Jan-Feb '78

You can't forget cant. Capt James D. Brown. illus Armor 87:44-46 Jan-Feb '78

Organization

FIST (Fire Support Team). Capt Barry J. Robella. tabs illus Armor 87:15-17 Sep-Oct '78

FIRE CONTROL EQUIPMENT

Battlefield fire control system. B.H.L. Blake. illus Mil Elect/Countermeasures 3:54-56 Dec '77-Jan '78

Boresight harmonization: Essential requirement for modern weapons systems. Henry M. Courten. illus Natl Def 63:38-41+ Sep-Oct '78

Calculators and the field artillery mission. Capt Thomas H. Barfield. illus Fld Arty J 46:20-24 Mar-Apr '78

Eagle Eye. LtCol Tim O'Keefe, Jr. illus USAF Ftr Wpns Rev, pp 26-29, Fall '78

FIST (Fire Support Team). Capt Barry J. Robella. tabs illus Armor 87:15-17 Sep-Oct '78

Fighting fire with fire control--the future of integrated, multi-sensor fire control systems. RADM Julian S. Lake. illus Def & For Aff Dig 6, No.7:10-12+ '78

The Merkava Mk1--an Israeli tank ready for series production. illus Intl Def Rev 11, No.7:1049-1052 '78

Sea Archer--an alternative technology small ship fire control system. L.M. Cunningham. illus tab Intl Def Rev 10:1107-1109 Dec '77

Stabilized tank gun controls. R.M. Ogorkiewicz. illus Intl Def Rev 11, No.5:725-728 '78

Thermal imaging systems from Hughes. Rudi Meller. illus Intl Def Rev 11, No.5:739-742 '78

FIRE DIRECTION CENTER

Calculators and the field artillery mission. Capt Thomas H. Barfield. illus Fld Arty J 46:20-24 Mar-Apr '78

The First Team and TACFIRE (Tactical FIRE direction system). LtCol Craig Leyda. illus tabs Fld Arty J 46:24-27 Jan-Feb '78

FIRE DIRECTION CENTER - Continued

Improving the adjustment of fire. Col Salvo Rizza, Ret. illus Fld Arty J 46:48-53 Jan-Feb '78

A war for science. LtCol J.W.Stokes and L.E. Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

FIREARMS see Small ArmsFIREPOWER

Effective fire support--a balanced combined arms team. LtCol Carl S. Taylor. illus Fld Arty J 46: 29-31+ May-Jun '78

Field artillery of the 1980's. MajGen Jack N. Merritt. illus Natl Def 62:544-548 May-Jun '78

Gaining firepower through knowledge. Capt Robert Clydesdale. illus MarCor Gaz 62:18-19 Jun '78

How effective is our "team"? Col Henry R. O'Neill. illus Fld Arty J 46:10-13 Sep-Oct '78

Images of the future battlefield. Maj Robert A. Doughty and L.D.Holder. illus Mll Rev 58:56-69 Jan '78

The II Marine Amphibious Force: A force to be reckoned with. LtCol C.A.Fleming. illus NATO's Fifteen Nations 23:52-54+ Oct-Nov '78

Stabilizing the FSCC (Fire Support Coordination Center). Capt J.F.Gimber. MarCor Gaz 62:16-17 Oct '78

FIRES AND FIRE PREVENTIONSee also

Airplanes in Fire Fighting

also subdivision under specific subjects, e.g.,
Airplanes--Fires and Fire Prevention
Airplanes, Military--Fires and Fire Prevention
Airports--Fires and Fire Prevention
Ships--Fires and Fire Prevention

Army's new diesel fuel self-extinguishes in accidental fires. Armed Forces J Intl 115:16 Aug '78

Arson: A little known problem. TIG Brief 30:7 Jul 21 '78

Arson cited in 8.4% of fires in 1977. AF Times 39:25 Aug 14 '78

Communications ... a vital link (for firefighters)! Capt Regina McGuinness. illus Air Reservist 29: 6-7 Dec '77-Jan '78

A costly shortcut. TIG Brief 30:13-14 Dec 1 '78

Emergency in Memphis. H.Hooper Penuel. illus Air Reservist 30:7 Sep '78

Fire and water: Activated Guardsmen use one to combat the other during summer and autumn call-ups. illus Natl Guardsman 32:2-6 Jan '78

Maintaining integrity of fire walls and partitions. TIG Brief 30:19 Jul 7 '78

Smoke detectors: Do they work? TIG Brief 30:10 Apr 28 '78

Study and Teaching

Chanute (AFB, Ill) school (Technical Training Center) blazes hot path in firefighting. MSgt Dave Sheeder. illus AF Times 38:28 Jun 12 '78

Fire Protection Training School (Chanute AFB, Ill) program. Maj Robert L.Gott. illus AF Engrg & Svcs Qtr 19:12-15 Aug '78

FIRST AID

Snakebite ... ho hum. Capt Howard R.Allen. illus Aerosp Safety 34:6-7 Feb '78

FISH-CULTURE see AquacultureFISH INDUSTRY AND TRADE

The new abundance: Patrolling fishing zones from the air. George Owen. illus Aerosp Intl 14:42+ Apr-May '78

Great Britain

Offshore Tapestry--the RAF's first year. WgComdr T.C.Flanagan. illus map Royal Air Forces Qtr 18:111-121 Summer '78

United States

'Meeting the challenge': (Transportation Sec Brock) Adams issues FCZ (Fishery Conservation Zone) update. L.Edgar Prina. illus Sea Power 21:36-37 Apr '78

FLAG OFFICERSUnited States

Needed: More stars. (DOD officer study) AF Times 38:4 Jul 10 '78

Rules tightened on (disability) retirement (of general and flag officers). AF Times 38:4 Jun 12 '78

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

USAF nominates 52 new generals; Navy, 31 new admirals. Armed Forces J Intl 116:47-50 Mar '78

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1978. illus US Nav Inst Proc 104:211-237 May '78

FLAGS

Unit colours (in the Soviet Armed Forces). Col G. Ionov. illus Soviet Mll Rev No.8:36-37 Aug '78

FLANAGAN, Edward M.

Army in need of rescue, now, from own paperwork avalanche. LtGen Edward M.Flanagan, Jr. Army 28:13-14 Jul '78

FLASH BLINDNESS

Cosmic ray effects on the eyes of rats flown on Cosmos No.782, experiment K-007. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 49:19-28 Jan '78

Flicker-induced seizures: Alias flicker vertigo. LCDR Jane McWilliams. illus Aerosp Safety 34: 16-17 Dec '78

FLEET, 2d

Atlantic Fleet Chief (ADM Kidd) spells out Reserve policy. illus Officer 54:8 Jun '78

FLEET, 6th

Tactical thinking for the Mediterranean. LCDR Kenneth R. McGruther. illus US Nav Inst Proc 104: 106-109 Jan '78

U.S. naval strategy: Problems of survivability, usability, and credibility. Ken Booth. illus Nav War Col Rev 31:11-28 Summer '78

FLEET, 7th

Admiral Thomas Hayward calls for stability and performance (by Naval Reserves). illus Officer 56:12 May '78

The dilemma of the U.S. Pacific Fleet. LCDR Kenneth R. McGruther. illus map US Nav Inst Proc 104: 26-33 Jun '78

FLEET MARINE FORCE--Marine Corps--U. S. see Marine Corps--U. S.FLEET RESERVE ASSOCIATION

White Hats Panel reports: EM blast pay, benefits situation. Andy Plattner. AF Times 38:16+ Mar 20 '78

FLEMING, William B.

General Fleming takes on new Marine jobs. por Officer 54:13 Mar '78

FLEXITIME see Hours of LaborFLIGHT, LOW-ALTITUDE

Do it in the spinch (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

The indirect fire threat (to Army Aviation). Capt Robert K. Stephan. illus USA Avn Dig 24:15-17 Jul '78

OH-58 tail rotor stall. (Reprinted from United States Army Aviation Digest, Sep 1977) illus USA Avn Dig 24:42-45 Nov '78

Strictly unqualified. illus USA Avn Dig 24:46-47 Feb '78

Total loss was a microsecond away. tabs TIG Brief 30:11-12 Apr 28 '78

Wire strikes on the rise. illus USA Avn Dig 24:26-29 Mar '78

Study and Teaching

Low level. Capt Pete Abler. TAC Attack 18:18-19 Feb '78

Low, lower, lowest. LtCol Charles W. Abbey and Maj Frank L. Carson. illus USA Avn Dig 24:24-27 Apr '78

FLIGHT CONTROL SYSTEMS

Aircraft stability and CG (Center of Gravity). Capt Pete Abler. illus tab TAC Attack 18:18-20 Nov '78

The automatic complacency. Capt K. E. Ternhem. illus Aerosp Safety 34:12-13 Apr '78

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Crouzet--looking to the future with SV2. Dan Boyle. illus Interavia 33:558-560 Jun '78

F-16 Emergency Power Unit (EPU): Hydrazine hazards. TIG Brief 30:4 Nov 17 '78

FLIGHT CONTROL SYSTEMS - Continued

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. (Condensed from TAC Attack, March 1977) illus TAC Attack 18:12-15 Nov '78

The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78

(Integrated) Helicopter Control System. illus USA Avn Dig 24:29 May '78

New helicopter control system. illus MarCor Gaz 62:2 Oct '78

Sperry Flight Systems flourishing in Phoenix. John F. Brindley. illus Interavia 33:555-557 Jun '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conducts of flights.

See also related subjects, e.g.,

Flight Path

Weather Forecasting

Aeronautical chart currency: An important factor in flight safety. TIG Brief 30:7 Aug 25 '78

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT NURSES

Maj Sue Turner wins flight nurses E. A. Hoefly Award. illus Aviation, Space & Envmt Med 49: 846 Jun '78

Top flight nurse (BrigGen Claire M. Garrecht), surgeon (Maj Roger F. Landry) honored. illus AF Times 38:70 May 22 '78

FLIGHT PATH

From decision height to touchdown. Capt Tom Couch. illus Combat Crew 28:20-21 Jul '78

VDP (Visual Descent Point): It isn't a social disease. Capt Glenn A. Shellhouse. tabs MAC Flyer 25: 18-20 Apr '78

Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78

FLIGHT PAY

Flight pay boost backed: Services pit pay incentives against pilot losses. Bruce Callander. AF Times 39:3 Dec 25 '78

Retention--more flight pay: Would it work (to help stem the flow of military pilots to the airlines)? AF Times 39:3 Sep 25 '78

What's what with flight pay. M. L. Craver. AF Times 38:14 Feb 13 '78

FLIGHT PLAN

Crew coordination ... in the heavies. Maj John D. Woodruff. illus Aerosp Safety 34:14-15 Jan '78

Fly the OAT (Operational Air Traffic). Col Thomas H. Yates and Capt Terry W. Johnson. illus Aerosp Safety 34:10-11 May '78

Fuel salvation--the fuel you save may be the fuel that saves you. tab MAC Flyer 25:10-11 Apr '78

South for the winter. map illus TAC Attack 18:12-14 Sep '78

FLIGHT PLAN - Continued

We are out of gas!! Capt Kenneth S. Harvell. illus tab
Aerosp Safety 34:2-4 Oct '78

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records

FLIGHT SIMULATORS

B-52 EWO (Electronic Warfare Officer) to UNT
(Undergraduate Navigator Training) instructor--
an experience in job enrichment. Capt William M.
Wanser. illus Navigator 25:10-11 Spring '78

Flight simulation. Charles Latour. illus NATO's Fif-
teen Nations 23:76+ Oct-Nov '78

It looks like a Huey. (2B24 UH-1 Huey helicopter
flight simulator) Nanse Grady. illus USA Avn Dig
24:28-29 Dec '78

Just putting in time? (SFTS--Synthetic Flight Train-
ing System) CW3 Curtis J. Casey. illus USA Avn
Dig 24:42-44 Jan '78

Military simulators: A ten billion dollar market.
James C. Appleyard. tab Mil Elect/Countermea-
sures 4:12+ Oct '78

Simulators: A mixed blessing? Bonner Day. illus AF
Mag 61:76-79 Jul '78

Task-specific simulator pretraining and in-flight
stress of student pilots. G.S. Krahenbuhl and
others. tabs Aviation, Space & Envmt Med 49:
1107-1110 Sep '78

USAF simulator fly-offs via A-109. Col Calvin H.
Markwood. illus tabs Mil Elect/Countermeasures
4:27-30 Oct '78

What the receiver will see. David L. Adamy. illus
Mil Elect/Countermeasures 4:47-49 Oct '78

History

Simulators: A mixed blessing? Bonner Day. illus AF
Mag 61:76-79 Jul '78

FLIGHT SURGEONS

Top flight nurse (BrigGen Claire M. Garrecht), sur-
geon (Maj Roger F. Landry) honored. illus AF
Times 38:70 May 22 '78

FLIGHT TRAININGSee also

Pilots--Education and Training

Air Force--Russia

Cadets' flight training. Capt N. Litvinchuk. illus So-
viet Mil Rev No. 2:22-24 Feb '78

Air Force--U.S.History

Cadet pilot training at Chanute Field (III) during the
Great War. Thomas S. Snyder. illus tab Aerosp
Hist 25:31-35 Mar '78

Army--U.S.

A lesson to relearn? (Better cooperation between air-
craft and ground forces) Joseph B. Fries. (Con-
densed from United States Army Aviation Digest,
Sep 1977) illus TAC Attack 18:18-19 Apr '78

FLIGHT TRAINING - ContinuedReserve Officers Training Corps--
Air Force--U.S.

Mid-air collision avoidance for FIP (Flight Instruc-
tion Program) cadets. Capt Robert R. Franke.
illus Educ J 20:52-54 Spring '78

United States

Disorientation training in FAA-certificated flight and
ground schools: A survey. William E. Collins and
others. tabs Aviation, Space & Envmt Med 49:947-
951 Aug '78

FLIGHTS, FAMOUS AND HISTORIC

From the cockpit--first jet flight. Lin Hendrix. Am
Avn Hist Soc J 23:99-102 Summer '78

Never a Question Mark. (Historic flight proved that
in-flight refueling was practical) Maj Jay B. Welsh.
(Reprinted from Airman, March 1976) illus Air-
man 22:9-13 Dec '78

The wing-walking of Arthur Whitten Brown--fact or
fiction? P. R. Mann. illus Royal Air Forces Qtr
18:165-171 Summer '78

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical
articles on the pleasures of flying.

For the fun of flying. (Members of the Flying Circus
give air shows with their vintage planes) James A.
George. illus Airman 22:21-29 Oct '78

FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETYSee also

Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

Accelerated Copilot Enrichment (ACE). Capt John H.
Wayne, Jr. illus Aerosp Safety 34:26-27 Apr '78

Advantages of flight safety duty. TIG Brief 30:6
Mar 3 '78

Air Force works hard to prevent flying violations.
TIG Brief 30:8 Feb 17 '78

Aircraft icing. Maj Philip M. McAtee. illus Aerosp
Safety 34:6-8 Nov '78

Aircrew judgment--not gone or forgotten. Capt David
V. Froehlich. Aerosp Safety 34:24-25 Aug '78

Avoidance of birds in the air. illus TAC Attack 18:
10-11 Sep '78

Basic GIB survival brief--on the care and feeding of
nose gunners. Capt Peter T. McInerney. illus TAC
Attack 18:22-23 Aug '78

Beware of the vortex ring. Capt John G. Taylor III.
(Reprinted from Aerosp Safety, Aug 1977) illus
USA Avn Dig 24:45-47 Jan '78

Birds and the airdrome. illus TAC Attack 18:18-20
Sep '78

Birdstrikes: The problem. (4-year analysis) tabs
map TAC Attack 18:3-7 Sep '78

FLYING SAFETY - Continued

"Breathes there a pilot ..." Maj Kenneth E. Krause. illus TAC Attack 18:6-7 Jul '78

Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Don't obey that impulse. illus Interceptor 20:10-11 Dec '78

Downburst. illus MAC Flyer 25:12-14 Apr '78

Eyeballs out--see and avoid. illus Aerosp Safety 34:2-3 Dec '78

'First rate and well deserved.' (1977 Benjamin D. Foulois Memorial Award for the Air Force Reserve) illus Air Reservist 30:6-7 Apr '78

Flight duty and crew rest limitations are for a purpose. TIG Brief 30:7 Apr 28 '78

Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78

Hail hazards. illus maps tab Aerosp Safety 34:26-27 Aug '78

It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78

A legacy of safety. (20 years of flying safety for the 97th Bombardment Wg, Blytheville AFB, Ark) Capt Thomas N. McKnight, Jr. illus Combat Crew 28:8-11+ Sep '78

Let's have a fly-in. LtCol Robert L. Gardner. illus Aerosp Safety 34:23-24 Dec '78

Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tiley. illus Aerosp Safety 34:15-16 Nov '78

Lightning and aircraft. J.A. Plumer. (Reprinted from Aerospace Safety, June 1977) tabs illus Aerosp Safety 34:6-8+ May '78

Loss of consciousness during air combat maneuvering. Maj James E. Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78

Low level. Capt Pete Abler. TAC Attack 18:18-19 Feb '78

Low-level wind shear advisory program. TIG Brief 30:10 Mar 17 '78

Maintenance of the SRU-21/P survival vest. CW2 David P. Klindt. illus USA Avn Dig 24:17-19 Jun '78

Mid-air collision avoidance for FIP (Flight Instruction Program) cadets. Capt Robert R. Franke. illus Educ J 20:52-54 Spring '78

Mission or safety--which comes first? SSgt Curtis P. Schinestuhl. Interceptor 20:15 Aug '78

New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

Night owls do it in the dark. Capt Pete Abler. illus TAC Attack 18:10-12 Jul '78

Night vision goggle: Human factors aspects of the AN/PVS-5. Maj William C. Wood. illus USA Avn Dig 24:32-35 Jul '78

FLYING SAFETY - Continued

1978 SAC Safety Seminar (Carswell AFB, Tex, 1978) ... a common sense approach. Maj Stephen J. Miller. illus Combat Crew 28:7+ Dec '78

No short landings? illus Aerosp Safety 34:14-15 Dec '78

Now you see it ... now you don't. (Collision avoidance) illus tabs Aerosp Safety 34:27 Sep '78

OH-58 tail rotor stall. (Reprinted from United States Army Aviation Digest, Sep 1977) illus USA Avn Dig 24:42-45 Nov '78

Ops topics. Regular feature in issues of Aerospace Safety

Requiem for a daredevil (Frank Tallman). Maj James G. Gibson II. illus MAC Flyer 25:6-7 Sep '78

Sharing the air with military jets. illus map Aerosp Safety 34:1-3 May '78; Correction. 34:24 Oct '78

So you think ... it can't happen to you! LtCol William S. Barnitz. illus TAC Attack 18:4-6 Oct '78

South for the winter. map illus TAC Attack 18:12-14 Sep '78

Stormy weather. illus Combat Crew 28:4-7 Mar '78

Stresses encountered before flight. Maj Peter J. Edgette. illus USA Avn Dig 24:28-31 Jul '78

Summer thunderstorm, pilot enemy Number 1. illus map USA Avn Dig 24:42-45 May '78

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philpott. illus Aerosp Safety 34:14-16 Jul '78

That common summer cold, what's going on? USA Avn Dig 24:16 Jun '78

Things that go thump in the flight. Aerosp Safety 34:28-29 Dec '78

Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78

Tips for the operator. (Birdstrike) illus TAC Attack 18:26-27 Sep '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78

USAF Wind Shear Conference (Travis AFB, Calif, May 1978). Capt James J. Lawrence. Aerosp Safety 34:8-9 Jul '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78

Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Where to set it down? Anywhere you can. illus USA Avn Dig 24:8-9 Jul '78

Wings, wizards and wisdom. Sammy Mason. (Adapted from Flight Operations) illus MAC Flyer 25:20-22 Sep '78

FLYING SAFETY - Continued

Winter weather. Capt Robert G. Bishop III. illus TAC
Attack 18:4-5 Dec '78

FLYING SAUCERS see Unidentified Flying Objects

FLYING TIGERS

Ferry flight (Africa-China, March 1942). C.H.
Laughlin. illus map Am Avn Hist Soc J 23:51-57
Spring '78

FLYING TIME

Here are entered articles on time spent in flying by
an individual pilot to maintain his proficiency rating.
For articles on record flying time for a given distance
see Aviation Records.

FLYNN, John P.

AFOSI and SPs: A winning team. LtGen John P.
Flynn. TIG Brief 30:1 Mar 31 '78

The Air Force base: 'The safest city in the world.'
LtGen John P. Flynn. TIG Brief 30:2 Jan 20 '78

Complaints: GAO rates IG system as fairer, faster,
and generating little fear of reprisal. LtGen John
P. Flynn. TIG Brief 30:2 Mar 3 '78

The ol' sarge: Words to reflect upon. LtGen John P.
Flynn. TIG Brief 30:2 Apr 14 '78

Standards of conduct. LtGen John P. Flynn. TIG Brief
30:1 Mar 17 '78; AF Times 38:14 Apr 3 '78

FOODSee also

Nutrition
Rations
Space Feeding

Altitude and foods sometimes don't mix. AF Times
38:8 Jul 3 '78

Fat and happy. Sgt Herbert A. Kueker. illus Aerosp
Safety 34:18-20 May '78

Food as a component of national defense strategy.
Maj Jack A. Le Cuyer. illus Parameters 7,
No. 4:56-70 '77

Food, oil, and coercive resource power. Robert L.
Paarlberg. Intl Sec 3:3-19 Fall '78

Sinking spells. illus USA Avn Dig 24:8-9 Feb '78;
Aerosp Safety 34:8-9 Mar '78

Study to compare lunch operations in o'sea schools.
AF Times 39:6 Nov 20 '78

Update on military meat procurement. (Interview
with Col Bruce E. Patterson) Review 57:26+ Jan-
Feb '78

Costs

Commissary survey reflects significant savings. illus
Review 58:28 Jul-Aug '78

Comstore at March (AFB, Calif) saves shoppers 22%.
illus tab AF Times 39:8 Aug 7 '78

Fairchild (AFB, Wash) comstore offers 30% savings.
tab AF Times 39:33 Sep 4 '78

House okays subsidies for o'sea school lunches. AF
Times 39:10 Jul 31 '78

'Marketbasket' at Nellis (AFB, Nev) saves \$33. AF
Times 38:29 Apr 10 '78

FOOD - ContinuedCosts - Cont'd

Minot (AFB, Mont) shopping test: Saving 26.5 per-
cent. tab AF Times 39:32 Sep 11 '78

On-base store shoppers still have edge. AF Times
38:43 Mar 20 '78

Panel (House Education and Labor Committee) OKs
overseas lunch plan. Andy Plattner. AF Times
38:4 May 15 '78

Patrick (AFB, Fla) store survey shows 24 percent
savings. tab AF Times 39:40 Sep 18 '78

Some supermarket items cost less--comstore survey
(at Beale AFB, Calif). tabs AF Times 39:30
Oct 9 '78

'Stable' beef prices seen at comstores. AF Times
38:42 Jun 5 '78

Stores save customers about 25 percent. AF Times
39:10 Jul 31 '78

Inspection

New meat buying policy: No more tasty. AF Times
39:12 Nov 20 '78

Update on military meat procurement. (Interview
with Col Bruce E. Patterson) Review 57:26+ Jan-
Feb '78

Veterinary support for the Army and Air Force Ex-
change Service. TIG Brief 30:16 May 26 '78

Preservation

Ready-to-eat on its way. AF Times 38:22 May 15 '78

Supply

Update on military meat procurement. (Interview
with Col Bruce E. Patterson) Review 57:26+ Jan-
Feb '78

History

Food detachments (in Russia, 1918-1920). Col N.
Vladimirov. Soviet Mil Rev No. 11:38-39 Nov '78

FOOD AND DRUG ADMINISTRATION

Ready-to-eat on its way. AF Times 38:22 May 15 '78

FOOD SERVICESee also

In-Flight Meal Service

Air Force

The a la carte system. Capt James P. Blanco. illus
AF Engrg & Svcs Qtr 19:30-31 May '78

The changing role of the Air Force Services Office.
Col Lewis G. Vale. illus AF Engrg & Svcs Qtr 19:
23-24+ Feb '78

Howard (AFB, CZ) testing a la carte idea. AF Times
39:10 Dec 25 '78

Keesler (AFB, Miss), Malmstrom (AFB, Mont): Hen-
nessy Trophy winners. illus AF Times 38:43
May 8 '78

Natick Labs see 2-minute meals. illus AF Times
38:12 Jan 1 '78

New meat buying policy: No more tasty. AF Times
39:12 Nov 20 '78

FOOD SERVICE - ContinuedAir Force - Cont'd

Quality assurance versus quality control. Capt Gary C. Bradham. illus AF Engrg & Svcs Qtr 19:8-9 Nov '78

Services Training School (Lowry AFB, Colo) program. Capt Ronald A. Roye. illus AF Engrg & Svcs Qtr 19:16-17 Aug '78

Armed Forces

Close encounters of the food kind. (Address, 32d Annual Meeting, Research and Development Associates for Military Food and Packaging Systems, Chicago, April 11, 1978) CAPT Stuart F. Platt. illus Review 58:14+ Jul-Aug '78

Food for the Soviet soldier. Victoria Dibbern. illus Army Log 10:18-23 Mar-Apr '78

Ready-to-eat on its way. AF Times 38:22 May 15 '78

Soviets cook on the move. Karen Prella. illus Army Log 10:22-23 Mar-Apr '78

Costs

It costs 35¢ more to eat in dining halls. AF Times 39:8 Oct 16 '78

National Guard--Army

Guardsmen test new (Mobile) Kitchen Trailer. illus Natl Guard 32:30+ Nov '78

FORCES COMMAND

The hard corps soldier. LtCol Courtney M. Rittgers. illus Soldiers 33:6-11 Jan '78

Managing training to close the gaps. Gen Robert M. Shoemaker. illus Army 28:46-49 Oct '78

The real thing--almost. (Innovative ideas, new training doctrine and the latest technology) Steve Stromvall. illus Soldiers 33:9-11 Feb '78

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries

FOREIGN LEGIONSee also

Mercenary Troops

FOREIGN NATIONALS IN THE ARMED FORCES

INS (Immigration and Naturalization Service): Hundreds of illegal aliens enlist. AF Times 39:4 Sep 4 '78

History

Volunteers for freedom. Philip R. Smith, Jr. illus Soldiers 33:50-52 Oct '78

FOREIGN OBJECT DAMAGE

FOD. Col Robert S. Beale. illus Aerosp Safety 34:1-3 Jun '78

FOD prevention: A maintenance and safety effort. TIG Brief 30:6 Jan 20 '78

A FOD prevention program that works. LCDR David J. Carey. illus tab Aerosp Safety 34:25-28 Oct '78

FOD: Vehicle maintenance. TIG Brief 30:14 Nov 3 '78

Progress in FOD prevention. TIG Brief 30:10 Mar 3 '78

FOREIGN OBJECT DAMAGE - Continued

We need a victory (in FOD prevention). LtCol Richard W. Blatter. illus Combat Crew 28:2-3 Feb '78

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Great Britain; Great Britain--Foreign Relations--United States.

See also

International Relations

also subdivision under specific countries, e.g., United States--Foreign Relations--Latin America

FORMATION FLYING

Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78

Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tiley. illus Aerosp Safety 34:15-16 Nov '78

Radar trail. Capt Gary A. Voellger. illus Navigator 25:15-19 Spring '78

The saga of Blue Flight. Capt Don Rupert. illus TAC Attack 18:12-13 Mar '78

Study and Teaching

The wedge. Capt Preston T. Duke. illus USAF Ftr Wpns Rev, pp 14-17, Winter '77

FORMS, MILITARY

Fliers--2; fixers--0' (Forms 781) Cap David V. Froehlich. Aerosp Safety 34:4-5 Jun '78

Forms control. TIG Brief 30:19-20 Jan 20 '78

Intelligence information reports: Forms and functions. TIG Brief 30:8 Mar 17 '78

Local files checks and SBI (Special Background Investigation)-SCI (Sensitive Compartmented Information) interviews. TIG Brief 30:21 Apr 28 '78

FORRESTER, Eugene P.

The all-volunteer Army: An update. LtGen Eugene P. Forrester. Army 28:10-14 Dec '78

FORTS see Army PostsFORWARD AIR CONTROLLERS

The Air Force FAC (Forward Air Controller). LtCol David R. Hughes. illus TAC Attack 18:8-12 Aug '78

Carrying the TACP's (Tactical Air Control Parties) load. Maj B. M. Greeley. MarCor Gaz 62:20-21 May '78

Cleared hot! Capt Wayne F. Conroy. illus TAC Attack 18:3-6 Aug '78

F-4 WRCS/CAS. Capt Harry F. Davis. illus map USAF Ftr Wpns Rev, pp 7-14, Spring '78

FORWARD OBSERVER

The FIST (Fire Support Team). 2dLt Luther J. Dunn III. illus Fld Arty J 46:56-57 Jan-Feb '78

FIST (Fire Support Team). Capt Barry J. Robella. tabs illus Armor 87:15-17 Sep-Oct '78

FORWARD OBSERVER - Continued

Hipshoot. 1stLt David Vogels. illus tabs Fld Arty J 46:57-59 Sep-Oct '78

Improving the adjustment of fire. Col Salvo Rizza, Ret. illus Fld Arty J 46:48-53 Jan-Feb '78

King's men: FIST (Fire Support Team). Capt William J. Lennox, Jr. illus Infantry 68:29-30 Jan-Feb '78

Master Gunner--a new approach to training artillery forward observers. B.R. Easdale. illus Intl Def Rev 11, No.4:617 '78

Terrain association: Key to better map reading. Capt Michael J. Speltz. illus Fld Arty J 46:10-12 Jan-Feb '78

FOUOIS, Benjamin D.

The day I taught myself to fly. MajGen Benjamin D. Foulois, Ret as told to Harold L. Craven. (Reprinted from Airman, Sep 1965) por Airman 22: 2-5 Dec '78

General Benjamin Foulois and the 1934 air mail disaster--the time the "can do" attitude failed to deliver. John F. Shiner. por Aerosp Hist 25:221-230 Dec '78

FOUR-DAY WEEK see Hours of LaborFOX, Cecil E.

The judges' view (of William Tell '78) ... safe and successful. Interview. MajGen Cecil E. Fox. por Interceptor 20:10-11 Nov '78

FRANCE

France: Increasing defense spending. David Harvey. illus Def & For Aff Dig 6, No.10:48 '78

Foreign Policy

Is France a paper tiger--or an elusive wildcat? Michel Theoval. illus Armed Forces J Intl 116: 22-23+ Nov '78

Why France's arms exports make it a paper tiger. Beau Morris. illus Armed Forces J Intl 116:19+ Oct '78

Foreign RelationsUnited States

France's search for American military aircraft: Before the Munich crisis. John McVickar Haight, Jr. illus Aerosp Hist 25:141-152 Sep '78

Politics and Government

Eurocommunism, a pseudo-phenomenon. Angelo M. Codevilla. illus Strat Rev 6:62-70 Fall '78

FRAUD

Air Force Audit, Inspection, and Investigation Council (AFAIIC). TIG Brief 30:10 Apr 14 '78

Alert sounded on phony med IDs. Ron Sanders. AF Times 38:1+ Jan 9 '78

Beware the mail fraud. Michael Johnson. illus Soldiers 33:27-31 Nov '78

Contractors defrauding AF o'seas. AF Times 38:17 Feb 13 '78

Diversion of merchandise. TIG Brief 30:10 Jul 7 '78

FRAUD - Continued

Enlistment fraud defense limited. (CMA ruling) AF Times 39:10 Nov 6 '78

Fake injury 'proved'--CMA upholds conviction. AF Times 38:20 Mar 6 '78

GSA--an update. Govt Exec 10:29+ Nov '78

HEW may search Services to locate student-loan cheats. Andy Plattner. AF Times 38:1+ Jun 19 '78

Heading off consumer ripoffs. Jim Reese. Soldiers 33:25-26 Dec '78

Highway robbery: How to avoid car repair ripoffs. MSgt Matt Glasgow. illus Soldiers 33:22-24 Dec '78

Hill panel (House Appropriations Committee) charges supply 'rip-off'--wants funds cut. AF Times 39:1+ Aug 14 '78

Many ineligible get health care: DAS (Defense Audit Service) report. AF Times 39:22 Nov 13 '78

New DOD program to probe fraud. AF Times 39:30 Aug 21 '78

OSI uncovers scheme to steal shipped goods. AF Times 39:44 Aug 7 '78

Phony accounts used in million-dollar scheme. AF Times 39:24 Dec 25 '78

The sting. Sgt1C Matt Glasgow. illus Soldier's 33: 6-11 Sep '78

Travel claim 'errors' getting closer look. Randy Moore. AF Times 38:4 Jul 24 '78

Travel voucher irregularities. TIG Brief 30:26 Jul 7 '78

FREE WORLD

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

FREEDOM

The meaning of freedom. Herman Wouk. Mil Rev 58: 28-33 Dec '78

Readiness and freedom. (Remarks, Air Force Sergeants Assoc International Convention, San Antonio, Tex, Aug 20, 1978) Gen John W. Roberts. AF Plcy Ltr for Comdrs: Sup No. 11:23-29 Nov '78

FREEDOM OF INFORMATION

Balancing the public's right to know with the individual's right to privacy. Gwendolyn R. Rhoads. illus MarCor Gaz 62:49-54 Jun '78

Freedom of Information/Privacy Act requests for AFOSI reports. TIG Brief 30:9 Jan 6 '78

Unsolicited proposal: Why the nation sorely needs an 'information constitution.' Ted Lee. Govt Exec 10:56+ Nov '78

FREEDOM OF SPEECH

Freedom of speech and the military. Gen T.R. Milton, Ret. AF Mag 61:37 Jul '78

FREEDOMS FOUNDATION

Freedoms Foundation winners. AF Times 38:16 Mar 27 '78

FRIGATES see Destroyers

FRINGE BENEFITS

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus AF Times, Times Magazine sup:4-11 Jan 9 '78

AFA stance at odds with Service (in policy paper). AF Times 39:4 Oct 2 '78

Army dental care: The outlook. Sgt1C Matt Glasgow. illus Soldiers 33:13-14 Jul '78

Benefits in Reserve. MSgt Bruce N. Bant. illus tabs Soldiers 33:40-42 Jun '78

Benefits increased for all Jr EM on overseas tours. AF Times 39:3 Oct 30 '78

Budget: No pay cuts, new benefits asked. Tom Philippott. AF Times 38:1+ Feb 6 '78

The dangers of civilianizing military pay. Capt George T. Naddra. AU Rev 29:63-65 Jul-Aug '78

Fact sheet: Regular and Reserve differences. AF Times 39:14 Oct 9 '78

Fringe benefits tax: The battle is on. Randy Shoemaker. AF Times 38:8 Jul 17 '78

GAO: Erosion (of benefits) issue a 'myth.' AF Times 38:6 Mar 27 '78

(Gen) Brown hits benefits loss (in his annual report to the Congress on the posture of the military). Andy Plattner. illus AF Times 38:3 Feb 13 '78

Here's recap of Defense, money bills. AF Times 39:3 Nov 6 '78

Hill OKs \$\$ for Jr EM travel. Andy Plattner. AF Times 39:3 Oct 23 '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

Is 'voting with our feet' the only answer? Maj Michael D. Clark. illus Army 28:46-49+ Jun '78

Letters show fear of benefit loss. Andy Plattner. AF Times 38:31 Jan 9 '78

Military compensation: The Secretary's views. (Statement, President's Commission on Military Compensation, Washington, Jan 18, 1978) John C. Stetson. AF Plcy Ltr for Comdrs: Sup No. 3: 2-8 Mar '78

More retirement plans hatched at Pentagon. AF Times 39:3 Sep 18 '78

New (AF) Chief (of Staff) pledges fight for benefits. (Resume of address, AFA 32d National Convention, Washington, Sep 17-20, 1978) Gen Lew Allen, Jr. AF Times 39:1+ Oct 2 '78

Rep Davis (member House Armed Services Military Compensation Subcommittee) 'guarantees' benefits. (Interview with Mendel Davis) Andy Plattner. AF Times 38:4 Apr 10 '78

Secretary of Defense aims for fair compensation system. (From Armed Forces Day address to military and civilian personnel, Ramstein AB, Ger) Harold Brown. illus Air Reservist 30:3 Jul '78

White Hats Panel reports: EM blast pay, benefits situation. Andy Plattner. AF Times 38:16+ Mar 20 '78

Why pilots get out. Gen T.R. Milton, Ret. AF Mag 61:138 Sep '78

FROGMEN see Divers and DivingFUEL TANKS

See also
Airplanes, Military--Fuel Tanks

FUELS

See also
Airplanes, Jet-Propelled--Fuels
Airplanes, Military--Fuels
Propellants

Army's new diesel fuel self-extinguishes in accidental fires. Armed Forces J Intl 115:16 Aug '78

Base Fuel Management: Inspection Guide M. TIG Brief Section I, General management. 29:5p addendum Nov 4 '77; Section II, Quality, control and inspection. 29:3p addendum Nov 18 '77; Section III, Fuels operations. 29:18-21 Dec 2 '77; Section IV, Fuels storage. 29:20-21 Dec 16 '77; Section V, Base fuels management. 30:20-21 Jan 6 '78; Section VI, Mobility support. 30:21-22 Jan 20 '78; Section VII, Accounting and administration. 30:21-22 Feb 3 '78; Section VIII, Special activities. 30:21 Feb 17 '78; Section IX, Product receipts. 30:21-22 Mar 3 '78; Section X, Relationships with other organizations. 30:21-22 Mar 17 '78; Errata. 30:22 Mar 31 '78; Errata. 30:14 Apr 14 '78

Centralized ground fuels management. TIG Brief 30:9 Jun 23 '78

Driving to conserve gas. illus tab Translog 9:16-17 Sep '78

Exchanges see no gas setback. AF Times 39:17 Dec 18 '78

From fifty bales of straw. (How engineers at McChord AFB, Wash, developed a workable plan to handle fuel spills) Capt Richard A. Hill. illus AF Engrg & Svcs Qtr 19:34-37 Nov '78

Modernizing bulk petroleum fuels distribution. illus Army Log 10:2-6 Nov-Dec '78

Moscow's changing oil and gas strategy: A new geography. Stefan T. Possony. Def & For Aff Dig 6, No. 11:4-7+ '78

No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78

FULBRIGHT, J. William

The significance of SALT. J. William Fulbright. AEI Def Rev 2, No. 4:2-14 '78

FULCHER, Martin C.

Operations and maintenance readiness: A team effort. MajGen Martin C. Fulcher. por Combat Crew 28:4-5+ Sep '78

FULLER, John F. C.

The 1940 bombing of Freiburg: Fuller and the writing of military history. W. Kent Hackman. Aerosp Hist 25:155-158 Sep '78

FURLONG, Raymond B.

The military and the fourth estate. (Remarks, Media-Military Symposium, Air War College, Maxwell AFB, Ala, Nov 29-30, 1977) LtGen Raymond B. Furlong. AF Plcy Ltr for Comdrs: Sup No. 2:21-24 Feb '78

FUTRELL, Robert F.

The development of aeromedical evacuation in the United States Air Force, 1909-1939. Robert F. Futrell. *Am Avn Hist Soc J* 23:212-225 Fall '78

FUTURESee also

War, Future

AEGIS: Shield of the fleet of the 80s. Charles DeVore. *illus Signal* 33:46-47 Oct '78

ASEAN, 1985-2000: A U.S. role to influence its shape. Thomas L. Wilborn. *illus Parameters* 8: 17-29 Sep '78

Advanced Navy ships. Ronald E. Adler. *illus Natl Def* 63:40-42+ Nov-Dec '78

Air defense against future threats. MajGen John J. Koehler, Jr. *illus Natl Def* 63:43-47 Jul-Aug '78; *Air Def Mag*, pp 10-13, Jul-Sep '78

Air Force objectives in space. LtCol Charles H. MacGregor and Maj Lee H. Livingston. *illus AU* Rev 29:59-62 Jul-Aug '78

Air Force training in the 80's. (Remarks, National Security Industrial Assoc, San Francisco, July 11, 1978) BrigGen Walter B. Ratliff. *AF Plcy Ltr for Comdrs: Sup No. 10:27-32* Oct '78

Aviation's next decade. *illus Translog* 9:6-7 Nov-Dec '78

DISCON--the Australian Defence Integrated Secure Communications Network for the 1980's. I.H. Maggs. *illus map tabs Signal* 32:21-25 Feb '78

Debating the real issues about the future of the U.S. Navy. Bridget Gail. *tabs Armed Forces J Intl* 115: 25-28+ May '78

Division air defense 1985. Col William O. Staudenmaier. *illus Air Def Mag*, pp 7-10, Oct-Dec '78

Does the Army have a future? Deterrence and civil-military relations in the post-Vietnam era. LtCol Alfred H. Paddock, Jr. *illus Parameters* 8:51-57 Sep '78

Energy. E.W. Seabrook Hull. *tabs Natl Def* 63:36-40+ Jul-Aug '78

The extraterrestrial imperative. Krafft A. Ehrlicke. *illus AU* Rev 29:2-20 Jan-Feb '78

Fighters for the 1990s: Building on today's technology. Roy Braybrook. *illus Interavia* 33:23-27 Jan '78

Fleet air defense. Harold Moss. *illus tab Natl Def* 63:43-45+ Nov-Dec '78

Future C-E development in the Pacific. Koji Kobayashi. *illus tab Signal* 32:42-43 Feb '78

Future industrial mobilization. Gen Henry A. Miley, Jr. *Ret. Natl Def* 63:54-57 Jul-Aug '78

The future of the all-volunteer force. Curtis W. Tarr. *illus AU* Rev 29:2-7 May-Jun '78

The future of the strategic bomber. John C. Culver. *tab AEI Def Rev* 2, No. 1:2-12 '78

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Donn Starry. *Govt Exec* 10:18-19 Jan '78

FUTURE - Continued

Images of the future battlefield. Majs Robert A. Doughty and L.D. Holder. *illus Mil Rev* 58:56-69 Jan '78

Iran's security in the 1980s. Shahram Chubin. *tab Intl Sec* 2:51-80 Winter '78

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. *illus tabs Signal* 32:67-70+ May-Jun '78

The Marines through 1999. MajGen Fred Haynes, Ret. *illus US Nav Inst Proc* 104:24-33 Sep '78

Military electronics in the 1980s: Air Force. (Interview with Col James D. Everett) *illus Mil Elect/Countermeasures* 3:26+ Dec '77-Jan '78

Military electronics in the 1980s: Army. Gerald Green. *illus Mil Elect/Countermeasures* 3:34-35 Dec '77-Jan '78; *Mil Rev* 58:70-75 Nov '78

Military electronics in the 1980s: DARPA. George H. Heilmeier. *Mil Elect/Countermeasures* 3:33 Dec '77-Jan '78

Military electronics in the 1980s: Navy. Gerald Green. *illus Mil Elect/Countermeasures* 3:36-37 Dec '77-Jan '78

Military Institute of the Future. Anthony L. Wermuth. *illus Natl Def* 63:47-49+ Sep-Oct '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. *illus MarCor Gaz* 62:26-30 Mar '78

The Navy of the 21st century: Representative Tribble calls for 'small ship Navy' to augment 'big ship Navy.' James D. Hessman. *illus Sea Power* 21: 20-22 Dec '78

New directions, trends, requirements and technology in C⁴. *illus Signal* 32:30-34+ May-Jun '78

The next generation--a UK view. Derek Wood. *illus Interavia* 33:28 Jan '78

The next 20 years in space. (Remarks at the Goddard dinner, National Space Club, Washington, March 10, 1978) Hans M. Mark. *AF Plcy Ltr for Comdrs: Sup No. 5:2-8* May '78

'Planning for the future.' MSgt Gerald H. Smith. *illus Air Reservist* 30:6-7 Oct '78

Planning for the year 2000. John C. Stetson. *illus AF Mag* 61:50-51 Nov '78

Preparing the officer corps for the 1990s. LtCol James B. Channon. *illus tabs Mil Rev* 58:10-23 May '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. *illus tabs US Nav Inst Proc* 104:98-113 May '78

Sea plan (for year) 2000. Editorial. James D. Hessman. *Sea Power* 21:26-28 May '78

Sea plan (for year) 2000: Naval force planning study. *tabs Armed Forces J Intl* 115:32+ May '78

Should Defense managers discount future costs? CDR Rolf H. Clark. *illus Def Mgt J* 14:12-17 Mar '78

Strategy for a transition period. Shimon Peres. *Intl Sec* 2:4-12 Winter '78

FUTURE - Continued

Tactical communications for the future. (Convention panel, AFCEA Convention, Washington, June 20-22, 1978) Dale Milford and others. illus Signal 32:84-98 Aug '78

Tomorrow's fleet. CDR John D. Alden. illus US Nav Inst Proc 104:117-123 Jan '78

USAF information engineering: 1990 plus. Maj Jerry C. Hix. tab AU Rev 29:58-65 Mar-Apr '78

FUTURE - Continued

U.S. command and control communications in Japan, now and tomorrow. LtGen George G. Loving, Jr. illus Signal 32:12-14+ Feb '78

The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

Where will we be without Tacan? Capt Michael J. Schultz. illus Navigator 25:11-12 Winter '78

A world in mutation. (Address, Huntingdon College, Montgomery, Ala, Oct 14, 1977) John Patrick Walsh. illus Log Spectrum 12:5-10 Spring '78

GCI see Ground-Controlled Interception

GAGARIN, Yuri A.

From near and distant meridians. (Yuri Gagarin and his visits to many countries) Nikolai Denisov. por Soviet Mil Rev pt 1, No.6:55-58 Jun '78; pt 2, No.7:57-59 Jul '78; pt 3, No.8:58-61 Aug '78

GAMES, THEORY OF

See also
War Games

GARRECHT, Claire M.

China: Cold hospitals, happy patients. Interview. BrigGen Claire Garrecht. por AF Times 38:47-48 Mar 6 '78

Top flight nurse (BrigGen Claire M. Garrecht), surgeon (Maj Roger F. Landry) honored. por AF Times 38:70 May 22 '78

GAS TURBINES

The Garrett 990--a new gas turbine for fast patrol boats. Robert M. Chapman. illus (Also cutaway) tabs Intl Def Rev 11, No.4:545-548 '78

Gas turbines or diesels for tanks? R.M. Ogorkiewicz. illus tabs Intl Def Rev 11, No.6:913-916 '78

7 of 11 XM-1 pilot vehicles downed by engine failure. R.L. Janisch. illus Armed Forces J Intl 116:12 Oct '78

XM-1 engine problems drop 50% since modifications. R.L. Janisch. illus Armed Forces J Intl 116:16 Dec '78

GAS TURBINES (AIRCRAFT)

Testing

Another first for Army Guard Aviation. (Modular Engine Test Stand (METS)) illus USA Avn Dig 24:5 Feb '78

CASES

See also
Oxygen

GASES, ASPHYXIATING AND POISONOUS

See also
Carbon Monoxide

Gunship crew spotlights train accident scene. illus Officer 54:15 Mar '78

GASES IN WARFARE see Chemical-Biological Warfare

GAYLOR, Robert D.

Air Force morale resists pressures. CMSAF Robert D. Gaylor. por AF Mag 61:57-58 May '78

Experience in counseling pays off. Interview. CMSAF Robert D. Gaylor. por AF Times 38:4 Jan 23 '78

Follow the leader. (AF's new Chief Master Sergeant) SMSgt Harold Newcomb. por Airman 22:8-12 Jan '78

(Overseas) travel costs strain Jr EM. (Statements of CMSAF Gaylor and the top ranking enlisted men of the Army and Navy during a House subcommittee hearing on the problems of service families in Europe) Richard C. Barnard. por AF Times 38:4 Jul 3 '78

GEIGER, Robert K.

View from the top. Interview. RADM Robert Geiger. por Mil Elect/Countermeasures 3:10+ Dec '77-Jan '78

GENERAL ACCOUNTING OFFICE

AWOLs costing services too much, GAO reports. Tom Philpott. AF Times 38:2 Jan 9 '78

Assigning homes by rank to continue. AF Times 38:17 Feb 13 '78

Assigning housing by rank criticized (by GAO). AF Times 38:6+ Jan 16 '78

Civilianize 50,000 jobs now--GAO. AF Times 39:10 Oct 23 '78

Claims barred by the statute of limitations. TIG Brief 30:20 May 26 '78

Complaints: GAO rates IG system as fairer, faster, and generating little fear of reprisal. LtGen John P. Flynn. TIG Brief 30:2 Mar 3 '78

DOD doing poor job of explaining pay: GAO report. AF Times 39:12 Jul 31 '78

DOD weapons average only 1/2 the cost growth of other Federal acquisitions. Benjamin F. Schemmer. tab Armed Forces J Intl 116:8 Mar '78

GAO advice could hurt pay raises. AF Times 39:19 Aug 14 '78

GAO advice: Overhaul severance pay plans. Richard C. Barnard. AF Times 39:16 Dec 25 '78

GAO all-vol estimate hit; many underpaid. AF Times 38:7 Feb 20 '78

GAO: DOD can't evaluate efficiency of med offices. AF Times 38:47 Feb 27 '78

GAO: Erosion (of benefits) issue a 'myth.' AF Times 38:6 Mar 27 '78

GAO: Pay system unfair to singles. AF Times 38:4 Jun 26 '78

GAO questions NAF investment returns. AF Times 38:20 Apr 24 '78

GAO report on justice system: Lessen commanders' role in proceedings. AF Times 39:10 Nov 20 '78

GAO says SBP overpay need not be paid back. AF Times 39:5 Oct 9 '78

GAO wants to end 'in lieu' discharges. Tom Philpott. AF Times 38:1+ May 15 '78

Hill seeks better clothing pay plan. Ron Sanders. AF Times 39:2 Nov 13 '78

Improvements pushed in setting NAF pay scale. AF Times 38:22 Jan 1 '78

Japanese on U.S. rolls in Japan called overpaid. AF Times 38:21 Jun 26 '78

Minor construction intent violated: GAO. AF Times 38:36 Mar 27 '78

Navy hospital (in New Orleans) new, but unused--GAO: Turn it over or lease it. AF Times 38:34 Jun 5 '78

Report (by GAO) has bad news about kin evacuation. Tom Philpott. AF Times 39:2 Nov 20 '78

Skill training scored (by GAO). AF Times 38:14 Mar 6 '78

GENERAL ACCOUNTING OFFICE - Continued

Surveillance of defense programs: The industry role.
Irving J. Sandler. Def Sys Mgt Rev 1:23-27
Autumn '78

GENERAL OFFICERSAir Force--U.S.

Background on general selections. AF Times 39:7
Dec 25 '78

52 to get stars; a 1st for (AF) Academy. AF Times
38:14 Jan 1 '78

4-star exits setting (AF) record. AF Times 38:8
Mar 20 '78

Generals on the move. (Title varies) Regular feature
in some issues of Air Force Times

Senior staff changes. Regular feature in issues of
Air Force Magazine

Armed Forces--U.S.

Needed: More stars. (DOD officer study) AF Times
38:4 Jul 10 '78

Rules tightened on (disability) retirement (of general
and flag officers). AF Times 38:4 Jun 12 '78

Star status: Army, Navy, Air Force, Marines. Regu-
lar feature in issues of Armed Forces Journal In-
ternational

USAF nominates 52 new generals; Navy, 31 new ad-
mirals. Armed Forces J Intl 116:47-50 Mar '78

Army--Russia

Marshal (Rodion Yakovlevich) Malinovsky. Col I.
Noskov. illus Soviet Mil Rev No. 11:34-36 Nov '78

History

Legendary commander (Marshal of the Soviet Union
Semyon Mikhailovich Budyonny). A. Rogov. illus
Soviet Mil Rev No. 3:40-41 Mar '78

Army--U.S.

General officer changes. Regular feature in News
Call section of some issues of Army

Infantry dominates Army's brigadier list. tabs
Armed Forces J Intl 115:12 May '78

Mr Carter, Congress and the generals. Bob Gatty.
illus Army 28:28-30 Dec '78

Scorecard: The new Army team. illus Natl Guards-
man 32:24-25 Aug '78

Directories

Senior Army officers in special assignments. Army
28:113 Oct '78

History

(MajGen) Terry (de la Mesa) Allen (one of the finest
and most controversial American combat leaders
of WW II). Thomas W. Dixon. illus Army 28:57-62
Apr '78

Where an Army came of age: Winter at Valley Forge.
Col John B.B. Trussell, Jr, Ret. illus Army 28:
14-17+ Jan '78

Marine Corps--U.S.

General officer reassignments. MarCor Gaz 62:2+
Apr '78

GENERAL OFFICERS - ContinuedMarine Corps--U.S. - Cont'd

General officer reassignments, retirements, correc-
tions. illus MarCor Gaz 62:4+ May '78

Marine Corps names Col Margaret Brewer first
woman general. illus MarCor Gaz 62:2 May '78

Marine Corps names first woman general (Margaret
A. Brewer). illus Natl Def 63:72 Jul-Aug '78

President approves 1, 2-star selections. illus
MarCor Gaz 62:2+ Mar '78

Retirement, reassignments (of Marine general offi-
cers). MarCor Gaz 62:4 Mar '78

Directories

Flag and general officers of the naval services: Offi-
cers of flag rank of the U.S. Navy, U.S. Coast
Guard, and NOAA, and general officers of the
U.S. Marine Corps on active duty as of 31 March
1978. illus US Nav Inst Proc 104:211-237 May '78

GENERAL PURPOSE FORCESSee also

Tactical Air Forces

China (People's Republic)

General Purpose Forces: A balance appraisal. illus
tabs Comdrs Dig 21: entire issue Mar 23 '78

Russia

General Purpose Forces: A balance appraisal. illus
tabs Comdrs Dig 21: entire issue Mar 23 '78

Soviet General Purpose Forces. William Schneider,
Jr. (Condensed from Orbis, Spring 1977) illus tab
Mil Rev 58:25-34 Jan '78

United States

The challenge-implications for AFROTC. LtCol Ron-
ald J. Kraus. illus Educ J 20:48-51 Spring '78

General Purpose Forces: A balance appraisal. illus
tabs Comdrs Dig 21: entire issue Mar 23 '78

Report to the 95th Congress. (Statement to the House
Armed Services Committee, Feb 7, 1978) John C.
Stetson and Gen David C. Jones. tabs AF Plcy Ltr
for Comdrs: Sup No. 4:2-19 Apr '78

Summary of DOD annual report. (Presented before
House Armed Services Committee, Washington,
Feb 2, 1978) Harold Brown. AF Plcy Ltr for
Comdrs: Sup No. 4:20-28 Apr '78

What makes the United States Marine Corps tick?
illus map NATO's Fifteen Nations 22:89-93
Dec '77-Jan '78

Warsaw Pact

General Purpose Forces: A balance appraisal. illus
tabs Comdrs Dig 21: entire issue Mar 23 '78

GENERAL SERVICES ADMINISTRATIONSee also

Federal Supply Service

GSA--an update. Govt Exec 10:29+ Nov '78

GSA (General Services Administration): Carter's
new urban policy tool. Govt Exec 10:16+ May '78

GENERAL SERVICES ADMINISTRATION - Continued

GSA (General Services Administration): Responsive carrier service--a direct route to increased carrier service--a direct route to increased carrier revenue. Robert P. Graham. illus map chart Def Trans J 34:14+ Oct '78

Multiple awarding: A view from the states. Willis Holding, Jr. Govt Exec 10:35-37 Apr '78

Using commercial buying practices isn't as easy as it sounds. illus Govt Exec 10:12+ Apr '78

Organization

GSA (General Services Administration): Responsive carrier service--a direct route to increased carrier service--a direct route to increased carrier revenue. Robert P. Graham. illus map chart Def Trans J 34:14+ Oct '78

GENEVA CONVENTIONS

The 1977 Protocols to the Geneva Convention of 1949. Maj W. Hays Parks. illus Nav War Col Rev 31: 17-27 Fall '78

GEOPOLITICS

Middle Eastern geopolitics: A view from the desert. Chester A. Nagle. illus maps Elect Warfare/Def Elect 10:29-30+ Jan '78

The reshaping of Asia: Reflections on changing alignments. E. Stuart Kirby. RUSI J for Def Studies 122:25-31 Dec '77

GEORGE, Harold L.

An inquiry into the subject of war. (Lecture, Dept of Air Tactics and Strategy, Air School, Maxwell Field, Ala, 1933) Maj Harold Lee George. Reviewed by LtGen John B. McPherson, Ret. por Aerosp Hist 25:206-209 Dec '78

GERM WARFARE see Chemical-Biological WarfareGERMANYMilitary Occupation, Allied

(Gen) Lucius Clay and the fate of Germany. John H. Backer. illus Mil Engr 70:338-340 Sep-Oct '78

GERMANY (FEDERAL REPUBLIC)

Living in Germany. SP5 Jo Ann Mann. illus Soldiers 33:33-36 Oct '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

Politics and Government

The influence of military service on political and social attitudes: A study of socialization in the German Bundeswehr. Ekkehard Lippert and others, trans by Robert Shirer. tabs Armed Forces & Soc 4:265-282 Winter '78

GHANA

Civilian rule and the coup d'etat: The case of Busia's Ghana. Simon Baynham. RUSI J for Def Studies 123:27-33 Sep '78

GIBRALTAR

NATO Gibraltar-Lisbon tropo system. Frank Caramelli. illus Signal 32:6-8 Apr '78

GIFTSLaws and Regulations

Better check the rules before taking that sword. AF Times 39:8 Aug 14 '78

GLIDERSHistory

On whispering wings. (Gliders in WW II) SMSgt Harold Newcomb and SSgt Russell W. Schmidt. illus Airman 22:28-34 May '78

GODDARD SPACE FLIGHT CENTER

Goddard Space Flight Center: NASA's jack-of-all-trades. William P. Schlitz. illus AF Mag 61:68-71 Aug '78

GOLD see MetalsGOLDWATER, Barry M.

About preparedness. (Edited from address, American Fighter Aces Assoc, New Orleans, June 1978) Sen Barry Goldwater. AF Times 38:14+ Jul 24 '78

Double standards against so-called double dippers. Sen Barry Goldwater. por Officer 54:13+ Aug '78

Of foreign policy and weapons. (Excerpts from address, Women Air Force Service Pilots, Colorado Springs, Sep 30, 1978) Sen Barry Goldwater. AF Times 39:18 Nov 6 '78; Army 28:11-12 Nov '78

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

GOODWILL FLIGHTS see Aerospace Power--Peaceful ApplicationsGORSHKOV, Sergey G.

Gorshkov: The broader view. Stefan T. Possony. Def & For Aff Dig 6, No. 12:4-6 '78

Ocean watch. Interview. Adm Sergel Gorshkov. por Soviet Mil Rev No. 6:2-7 Jun '78

GOVERNMENT EMPLOYEES see Civilian EmployeesGOVERNMENT OWNERSHIP

See also
Property, Government

GRACEY, James S.

Planning and programming the budget in a multimission organization. VADM James S. Gracey. Def Mgt J 14:12-15 Sep '78

GRADES see RankGRADING see Tests and MeasurementsGRAHAM, Daniel O.

The coming U.S. strategic debate. LtGen Daniel Graham. por Def & For Aff Dig 6, No. 3: 31-33+ '78

Former DIA chief hits Panama Canal treaties. Interview. LtGen Daniel O. Graham, Ret. AF Times 38:21 Jan 23 '78

GRAVELY, Samuel L., Jr

Gravelly succeeds Paschall at DCA: LtGen Lee M. Paschall retires--VADM Samuel L. Gravelly, Jr assumes post. por Signal 33:44-45 Sep '78

GRAVES, Ernest, Jr

Engineering--key to survival. LtGen Ernest Graves.
Mil Engr 70:334-335 Sep-Oct '78

GRAVITY

Aircraft over-G mishaps. tab TIG Brief 30:5
Apr 14 '78

Aircraft weight and balance system. TIG Brief 30:9
Jul 21 '78

Hormonal indices of tolerance to +G_z acceleration in
female subjects. J. Vernikos-Danellis and others.
tabs Aviation, Space & Envmt Med 49:886-889
Jul '78

Medical evaluation of G-sensitive aircrewmembers. J.E.
Whinnery and M.R. Gondek. illus tab Aviation,
Space & Envmt Med 49:1009-1013 Aug '78

Over-G mishaps seen on increase. Len Famiglietti.
AF Times 38:6 May 1 '78

Psychogenic G-force intolerance revisited. Theodore
J. Wachs and Carlos J.G. Perry. Aviation, Space
& Envmt Med 49:76-77 Jan '78

GREAT BRITAIN

Britain faces the future now. Geoffrey Pattie. illus
Def & For Aff Dig 6, No.10:12+ '78

Foreign RelationsNATO

The British perspective: United Kingdom/United
States. H. George Franks. illus NATO's Fifteen
Nations 22:110-113 Dec '77-Jan '78

Rhodesia

The United States and the endgame in Rhodesia.
Chester A. Crocker. illus Strat Rev 6:28-40 Sum-
mer '78

United States

The British perspective: United Kingdom/United
States. H. George Franks. illus NATO's Fifteen
Nations 22:110-113 Dec '77-Jan '78

History

General (George) Monck's accomplishment. LtCol
Gustav F. Freudenberg. illus Mil Rev 58:48-52
Dec '78

Strategic Importance

Britain's role in NATO: Increasing commitment.
Fred Mulley. illus Def & For Aff Dig 6, No.10:
6-9 '78

GREECEForeign RelationsTurkey

The Turkish-Greek conflict: U.S. intelligence suffers
most. Col Robert D. Heintz, Jr, Ret. illus Sea
Power 21:9-10 Feb '78

GREENLEAF, Abbott C.

Peace through total force readiness. (Remarks,
Armed Forces Day luncheon, Harrisburg, Pa,
May 18, 1978) LtGen Abbott C. Greenleaf. AF
Ply Ltr for Comdrs: Sup No.8:24-33 Aug '78

GRENADES

Submunitions of the future. Maj William Whelihan.
illus Fld Arty J 46:50-53 May-Jun '78

GRIEVANCE PROCEDURES

Complaints: GAO rates IG system as fairer, faster,
and generating little fear of reprisal. LtGen John
P. Flynn. TIG Brief 30:2 Mar 3 '78

Military grievance procedures. (Statement, House
Armed Services Committee, Subcommittee on
Military Personnel, Washington, July 11, 1978)
Antonia Handler Chayes. AF Ply Ltr for Comdrs:
Sup No.9:21-23 Sep '78

GRIFFITH, Samuel B., II

Memories and impressions: Guadalcanal and Tulagi,
1978. BrigGen Samuel B. Griffith II, Ret. MarCor
Gaz 62:49-56 Nov '78

GROMBACHER, Gerd S.

Fort Huachuca (Ariz): The larynx of the 'Voice of the
Army.' MajGen Gerd S. Grombacher. Army 28:
36-38 Apr '78

GROSS NATIONAL PRODUCT

Comparisons of defence expenditures 1975-1978. Lon-
don's International Institute for Strategic Studies.
Table only. AF Mag 61:125 Dec '78

United States

Why won't government face the crisis (in U.S. inter-
national trade)? C.W. Borklund. illus tab Govt
Exec 10:10+ Sep '78

GROUND-CONTROLLED INTERCEPTIONHistory

"Target bearing"--GCI (Ground-Controlled Intercep-
tion) has come a long way. Capt Pamela Sexton.
illus Interceptor 20:5-11 Jul '78

GROUND CREWS

Cobra crew chief. Sgt Richard T. Edwards. illus Sol-
diers 33:14-15 May '78

Movin' on up. (Upward mobility program at Wright-
Patterson AFB, Ohio, gives lower-grade GS civil-
ians a chance to go into wage-grade jobs) Mike
Pendrak and Capt Dick Sheffield. illus Airman 22:
41-43 Aug '78

GROUND EFFECT MACHINES see Air Cushion Vehicles

GROUND FORCES

Air defense of Soviet ground forces. Col Daniel K.
Malone. illus tab AF Mag 61:78-83 Mar '78

FIST (Fire Support Team). Capt Barry J. Robella.
tabs illus Armor 87:15-17 Sep-Oct '78

The ground forces in Soviet military policy. John
Erickson. illus map Strat Rev 6:64-79 Winter '78

The need for offensive ground combat operations.
Maj John P. Rose. illus Air Def Mag, pp 18-20,
Apr-Jun '78

U.S. ground forces: Inappropriate objectives, unac-
ceptable costs. tabs Def Monitor 7, entire issue
Nov '78

GROUND SAFETYSee alsoSeat Belts

The big headaches (automotive issues): One by one. Semon E. Knudsen. illus Govt Exec 10:23-24+ Jul '78

Cycle deaths up in '77. AF Times 38:12 Feb 13 '78

Down to earth. (Ground safety quotes and notes) Regular feature in some issues of TAC Attack

Hard hat or hard head. TIG Brief 30:6 Jul 7 '78

Motor vehicle safety. TIG Brief 30:4 Jul 21 '78

Stray voltage checks for munitions loading. TIG Brief 30:11 Mar 3 '78

10 commandments of safety for supervisors. SSgt Alan R. Koester. TAC Attack 18:23 Jul '78

Warning: Bicycle riding can be hazardous to your health. Capt Donald E. Waddell III. illus TAC Attack 18:28-30 Jun '78

Who provides ground safety support? TIG Brief 30:8 Jul 7 '78

GROUND SUPPORT see Close Air Support

GUERRILLA WARFARE

Coup. Paul L. Moorcraft. illus Army 28:16-19 Jul '78

Modern forms of conflict. John E. Tashjean. RUSI J for Def Studies 122:20-24 Dec '77

Africa

Lessons from Portugal's counter-insurgency operations in Africa. Thomas H. Henriksen. RUSI J for Def Studies 123:31-35 Jun '78

Latin America

The Cuban theory of revolutionary war: The faith, the fallacies, and the heresy. Kenneth O. Fox. RUSI J for Def Studies 122:35-40 Dec '77

GUICE, John T.

ANG: 'No failures in '77.' Interview. MajGen John T. Guice. por Air Reservist 30:8-9+ Apr '78

Air National Guard. por AF Mag 61:110-111 May '78

GUIDED MISSILES see Missiles

GUNBOATS see Warships

GUNNERY

A new generation of field artillery computing systems. LtCol J. J. Cooke, Ret. illus Intl Def Rev 11, No. 3:393-395 '78

You can't forget cant. Capt James D. Brown. illus Armor 87:44-46 Jan-Feb '78

Study and Teaching

Combat training theaters. Ann Mulligan. illus Armor 87:46-48 May-Jun '78

Master gunner. SSgt John Savard. illus Soldiers 33: 36-39 Feb '78

GUNNERY - ContinuedStudy and Teaching - Cont'd

Master Gunner--a new approach to training artillery forward observers. B. R. Easdale. illus Intl Def Rev 11, No. 4:617 '78

Reserve Component training. MajGen Herman Tenken. Armor 87:45-47 Jul-Aug '78

Subcaliber training devices. LtCol Armand E. Racine. illus Armor 87:37-39 Jan-Feb '78

The Talissi weapon fire simulator. Hans Joachim Jung. illus tabs Intl Def Rev 10:1135-1138 Dec '77

GUNNERY, AERIALSee also

Fighter Weapons and Gunnery Meets

Gunfighter. Capt O. J. Davis, Jr. illus tabs USAF Ftr Wpns Rev, pp 8-17+, Summer '78

GUNSSee also

Machine Guns

Army narrows gun choice. illus Armed Forces J Intl 115:12 Jan '78

Army to arm later XM-1 tanks with German gun. Officer 54:8 Apr '78

Better reasons behind Army's 120 mm XM-1 gun choice than made public? illus Armed Forces J Intl 116:14+ Mar '78

House panel (Armed Services Investigations Subcommittee) blasts XM-1 120mm gun choice on every possible count. Armed Forces J Intl 115:9 Jul '78

The M198 (155-mm howitzer). Maj William Whelan. illus Fld Arty J 46:9 Jan-Feb '78

A new 90mm light gun from Belgium. LtCol P. Crevecoeur. illus tabs Intl Def Rev 11, No. 7:1152 '78

Origins of Soviet tank guns. Larry W. Williams and Joseph E. Backofen, Jr. illus tabs Armor 87:48-51 Mar-Apr '78

The problem of hangfire effects. Henry G. Benis. illus tab Natl Def 62:321-323+ Jan-Feb '78

Soviet SP artillery doctrine. Capt George R. Patrick. illus tab Fld Arty J 46:27-29 Jul-Aug '78

U.S. Army explains XM-1 gun choice. Interview. Clifford L. Alexander. Intl Def Rev 11, No. 3: 441 '78

U.S. 120 mm tank gun decision under fire. Intl Def Rev 11, No. 5:665-667 '78

GUNSHIPSRussia

Soviet helicopters: A threat to the forward Army area. Capt Kenneth M. Matwiczak. illus tab Air Def Mag, pp 26-29, Oct-Dec '77

United States

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

GUNSHIPS - ContinuedUnited States - Cont'd

Gunship. Capt Benjamin C. Pittman. illus Navigator
25:25-27 Winter '78

Spectre: Aboard the night-flying gunship with the soul
of a computer. Fred Reed. illus AF Times, Times
Magazine sup:6-10+ Apr 3 '78

We'll soon need a new helicopter gunship. Capt R.
Magnus. illus tab MarCor Gaz 62:49-54 May '78

GUNSIGHTS see Fire Control Equipment

GUTHRIE, John R.

Gen (John R.) Guthrie explains Reserve role in
DARCOM. (Address, ROA Army Section, 1978
National Convention, New York) Gen John R. Guth-
rie. por Officer 54:10-11 Sep '78

Mastering a new 'self,' Gen John R. Guthrie. por
Army 28:50-57 Oct '78

GUYANA

Airlifts bring wounded, dead from Guyana. illus AF
Times 39:3 Dec 4 '78

GYROSCOPES

Stabilized tank gun controls. R.M. Ogorkiewicz. illus
Intl Def Rev 11, No. 5:725-728 '78

HEW see Health, Education, and Welfare DeptHAIG, Alexander M., Jr

(Gen Alexander M.) Haig essential to NATO. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Jun 19 '78

(Gen) Haig backs travel pay for Jr EM. AF Times 38:55 Mar 20 '78

Haig agrees to serve one more year, not two--Pentagon says it "goofed." R. L. Janisch and Benjamin F. Schemmer, por Armed Forces J Intl 116:16 Nov '78

Improving NATO's efficiency and getting the Alliance more resources. Interview. Gen Alexander M. Haig. por Armed Forces J Intl 116:26-27+ Sep '78

Interview. (Gen) Alexander M. Haig, Jr. por Def & For Aff Dig 6, No. 1:4-7 '78

(NATO and the Soviet threat) (Banquet address, AFCEA Convention, Washington, June 20-22, 1978) Gen Alexander M. Haig, Jr. por Signal 32:33-37 Aug '78

Official remarks. (Resume of present situation in NATO) (Speech, SHAPE Officers Assoc annual meeting, Belgium, Sep 24, 1977) Gen Alexander M. Haig, Jr. por NATO's Fifteen Nations 23:104-106 Apr-May '78

SACEUR. Interview. Gen Alexander M. Haig, Jr. por NATO's Fifteen Nations 23:20-22+ Oct-Nov '78

HAIL

Hail hazards. illus maps tab Aerosp Safety 34:26-27 Aug '78

Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78

HAITIMilitary Occupation, American

The military occupation of Haiti. Robert Debs Heinl and Nancy Gordon Heinl. map illus MarCor Gaz pt 1, Pacification, 1915-1921. 62:28-41 Nov '78; pt 2, Problems and programs, 1920-1928. 62:46-56 Dec '78

HALLORAN, Patrick J.

Readiness/effectiveness. BrigGen Patrick J. Halloran. TIG Brief 30:3-4 Apr 28 '78

HANDICAPPED

Doing unto others. (Work with the handicapped is part of Ellie Dole's volunteer activities) Capt Dick Sheffield. illus Airman 22:27-31 Jul '78

EEO reg change aids handicapped. AF Times 38:6 Apr 17 '78

Handicapped employees--travel on official business. TIG Brief 30:19 Aug 25 '78

Handicapped finding niche as employees. AF Times 38:32 Jul 24 '78

New accounting methods show more handicapped. AF Times 38:8 Jan 1 '78

On their own. (Handicapped civilian employees) SMSgt Harold Newcomb. illus Airman 22:15-20 Oct '78

HANDICAPPED - Continued

Reserved parking for vehicles of handicapped personnel. TIG Brief 30:20 Jul 21 '78

The word is challenge. Josephine C. Walker. illus Soldiers 33:23-25 Oct '78

HANDLING OF MATERIALS see Materials HandlingHANKS, Robert J.

The Indian Ocean negotiations: Rocks and shoals. RADM Robert J. Hanks, Ret. por Strat Rev 6: 18-27 Winter '78

HANSELL, Haywood S.

BrigGen Kenneth N. Walker, prophet of strategic airpower. MajGen Haywood S. Hansell, Jr, Ret. AF Mag 61:92-94 Nov '78

HARBORS see PortsHARLOW, Donald L.

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. por AF Times, Times Magazine sup:4-11 Jan 9 '78

HARRIS, Patricia R.

HUD: The frustration of shifting to meet degrees of need. Interview. Patricia Roberts Harris. Govt Exec 10:29+ Mar '78

HART, Gary

DOD should share its experience in life cycle costing. Gary W. Hart. Def Mgt J 14:16-18 Jan '78

The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

HAWAII

Aloha alert! (Hawaii's Air National Guard seeks to prevent a repeat of the 1941 attack on Pearl Harbor) MSgt David B. Drachlis. illus Airman 22: 20-25 Nov '78

Living sky high in Hawaii. (Hale Koa military resort hotel) Capt John B. Taylor. illus Airman 22:26-30 Nov '78

HAYES, John B.

Admiral Hayes heads Coast Guard. por Translog 9:18 Jun '78

Admiral (John B.) Hayes succeeds Siler as CG leader. por Officer 54:14 Jul '78

Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. por Armed Forces J Intl 115:12 May '78

Coast Guard from where I sit. ADM John B. Hayes. por Def Trans J 34:22-24+ Dec '78

The Coast Guard today. Interview. ADM John B. Hayes. por Sea Power 21:10-16 Aug '78

New Coast Guard Commandant (RADM John B. Hayes), Vice Commandant (RADM Robert H. Scarborough) named. por Sea Power 21:12 Mar '78

HAYNES, Fred E., Jr

The Marines through 1999. MajGen Fred Haynes,
Ret. US Nav Inst Proc 104:24-33 Sep '78

HAYWARD, Thomas B.

(ADM) Hayward succeeds (ADM) Holloway as CNO.
por Sea Power 21:31 May '78

ADM (Thomas B.) Hayward becomes CNO. Officer
54:15 Jul '78

Admiral Thomas Hayward calls for stability and per-
formance (by Naval Reserves). por Officer 56:12
May '78

Changing the guard: President Carter names new
chiefs for JCS, Air Force, Navy, Coast Guard.
por Armed Forces J Intl 115:12 May '78

JCS reorganizes. por Comdrs Dig 21:12 May 18 '78

Looking ahead. Interview. ADM Thomas B. Hayward.
por Sea Power 21:23-30 Oct '78

New Navy and Air Force leadership. por Natl Def
63:5 Jul-Aug '78

HAZARDOUS DUTY PAY see Incentive Pay

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

Environmental safety in dental clinics. TIG Brief
30:11 Apr 14 '78

F-16 Emergency Power Unit (EPU): Hydrazine haz-
ards. TIG Brief 30:4 Nov 17 '78

Handling and control of hazardous materials. TIG
Brief 30:18 Apr 28 '78

Transportation

Handling hazardous materials. Paul Numerof. illus
Def Trans J 34:32-34+ Oct '78

Hazardous materials certification. TIG Brief 30:15
Jan 6 '78

Identification and handling of intransit explosives.
TIG Brief 30:6 Nov 17 '78

HEADQUARTERS AIR FORCE RESERVE

(AF) Reserve receives Foulis Award for flight safe-
ty. illus Officer 54:11 Aug '78

Air Force Reserve. illus tab AF Mag 61:108-109
May '78

First decade. (AFRES celebrates its 10th anniver-
sary) Gerald T. Cantwell. illus Air Reservist 30:
9-11 Aug '78

HEALTH AND HYGIENESee also

Diseases
Mental Health
Nutrition
Physical Fitness

Action level concept of occupational health surveil-
lance. TIG Brief 30:18 Feb 17 '78

Lawton (Okla) advanced wastewater treatment plant.
John M. Baker. illus tab Mil Engr 70:78-81 Mar-
Apr '78

HEALTH AND HYGIENE - Continued

Management and treatment of PseudoFolliculitis
Barbae (PFB). TIG Brief 30:19 May 12 '78

HEALTH, EDUCATION, AND WELFARE DEPT

HEW may search Services to locate student-loan
cheats. Andy Plattner. AF Times 38:1+ Jun 19 '78

HEW takes a stand against smoking. (From testimony
before Subcommittee on Health and the Environ-
ment of the House Interstate and Foreign Com-
merce Committee, Feb 15, 1978) Joseph A. Call-
fano, Jr. illus Review 57:34+ Mar-Apr '78

HEW tries the sterling approach. Govt Exec 10:32-34
Mar '78

HEARINGSee also

Ears

Hear today, gone tomorrow ... how long? (Tests at
Aerospace Medical Research Laboratory) illus AF
Times 39:34 Sep 25 '78

HEART

Hypertension in the civilian flying population: Signif-
icant or not? Michael A. Berry and Robert L.
Wick, Jr. tabs Aviation, Space & Envmt Med 49:
78-80 Jan '78

U.S. fatal general aviation accidents due to cardio-
vascular incapacitation: 1974-75. Stanley R. Mohler
and Charles F. Booze. tabs Aviation, Space &
Envmt Med 49:1225-1228 Oct '78

HEATSee also

Temperature
Thermodynamics

Working in a hot climate. Col V. Mikhailov. illus So-
viet Mil Rev No. 2:38-39 Feb '78

Physiological Effects

Convergence of skin and rectal temperatures as a
criterion for heat tolerance. Kent B. Pandolf and
Ralph F. Goldman. tabs Aviation, Space & Envmt
Med 49:1095-1101 Sep '78

Hormonal responses of sedentary and exercising men
to recurrent heat exposure. R.P. Francesconi and
others. tabs Aviation, Space & Envmt Med 49:
1102-1106 Sep '78

Overdrink for survival. Maj D.L. Price. MarCor
Gaz 62:24 Jun '78

Physiological and psychological effects of heat stress
simulating cockpit conditions. Sarah A. Nunneley
and others. tabs Aviation, Space & Envmt Med
49:763-767 Jun '78

Summer weather--not harmless. Capt R.J. Dick.
illus Combat Crew 28:16-19 Jun '78

Too hot to handle. illus MAC Flyer 25:21-22 Aug '78

HEATING SYSTEMS

Air Force Facility Energy Program. Col James R.
Hawkins. illus tab AF Engrg & Svcs Qtr 19:9-10+
Feb '78

HEATING SYSTEMS - Continued

Air Force solar energy programs. AF Plcy Ltr for Comdrs: Sup No.3:38-39 Mar '78

Infrared thermography. James G.Smith, Jr. illus Mil Engr 70:97-99 Mar-Apr '78

Potential dangers in base central heating plants. TIG Brief 30:17 Jan 20 '78

Solar power. Janet Hake. illus Soldiers 33:12-14 Jan '78

Testing

Solar energy program at the (AF) Academy. Cpts Anthony Eden and John T. Tinsley. illus tabs AF Engrg & Svcs Qtr 19:11-14 Feb '78

HEISER, Joseph M., Jr

NATO principles of logistics and U.S. readiness: A changing environment. LtGen Joseph M.Heiser, Jr, Ret. Def Mgt J 14:18-23 Mar '78

HELICOPTER INDUSTRY AND TRADE

Hanover (Air Show) 78: The expected stars. illus Aerosp Intl 14:8-10+ Apr-May '78

The Rolls-Royce Gem: An engine family for the 1980s. illus Interavia 33:425 May '78

Turboméca prepares for the future to stay competitive. illus tab Interavia 33:423-424 May '78

The world helicopter market: Current status and prospects. illus tabs Interavia 33:403-408 May '78

Great Britain

Westlands: A major exporter. (Interview with company executives) illus Def & For Aff Dig 6, No.8:19+ '78

Japan

Asahi Helicopter Co: A pattern of continuing growth. Marc Grangier. illus Interavia 33:429-430 May '78

Russia

Congress concerned over Soviet helos. Armed Forces J Intl 115:8 Jan '78

United States

Bell: The big producers. (Interview with Leonard M. Horner) illus Def & For Aff Dig 6, No.8:18+ '78

Boeing Vertol: Heavy-lift masters. (Interview with Charles W.Ellis) illus Def & For Aff Dig 6, No.8:20+ '78

Congress concerned over Soviet helos. Armed Forces J Intl 115:8 Jan '78

Helicopter directions. (Interview with Howard N. Stuverude of Boeing-Vertol) David Harvey. illus Def & For Aff Dig 6, No.9:48+ '78

Hughes: Masters of attack. (Interview with Thomas R.Stuelpnagel) illus Def & For Aff Dig 6, No.8:41+ '78

Kaman: Looking for opportunities. (Interview with Fred L.Smith) illus Def & For Aff Dig 6, No.8:21 '78

Remarks about helicopters history. G.J.Tobias. illus NATO's Fifteen Nations 23:73-74 Oct-Nov '78

Sikorsky gets nod on production of CH-53E helicopter. illus MarCor Gaz 62:4 Apr '78

HELICOPTER INDUSTRY AND TRADE - ContinuedUnited States - Cont'd

Sikorsky: Tooling-up for UTTAS. (Interview with Gerald J.Tobias) illus Def & For Aff Dig 6, No.8:28-29 '78

UH-60A Black Hawk in production. Ramon Lopez. illus tab Interavia 33:1111-1116 Nov '78

USN/USMC CH-53E enters production. illus Armed Forces J Intl 115:12 Apr '78

UTTAS: The technology of helicopter survival. David Harvey. illus Def & For Aff Dig 6, No.8:4-6+ '78

HELICOPTER TYPE

Only U. S. military helicopters are entered under type. For helicopters of other countries see entries under specific categories, e. g., Helicopters, Military--Great Britain.

AH-1

Modernized Cobra. Col Robert P.St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

Maintenance and Repair

Cobra crew chief. Sgt Richard T.Edwards. illus Soldiers 33:14-15 May '78

AH-64

AH-64: The U.S. Army's advanced attack helicopter. J.Philip Geddes. illus tabs Intl Def Rev 11, No.8: 1247-1252 '78

Fight outnumbered--not outmanned! LtCol Jerry Hipp. USA Avn Dig 24:24-25 Oct '78

HELLFIRE (HELicopter Launched FIRE and forget): A weapon system whose time has come. Maj Jeffrey H.Thomason. illus USA Avn Dig 24:4-7 May '78

Hughes Helicopters AH-64 in advanced development. J.Philip Geddes. illus tab Interavia 33:728-730 Aug '78

Black Hawk

See UH-60

CH-47Study and Teaching

CH-47 mobile training team lessons learned. CW2 William R.Steele. illus USA Avn Dig 24:20-22 Jun '78

CH-53

Another bit the dust. (Reprinted from Approach, Oct 1977) illus MAC Flyer 25:14-15 Mar '78

Question: What's up in Naval Aviation? John Rhea. illus Sea Power 21:18-22 Mar '78

Sikorsky gets nod on production of CH-53E helicopter. illus MarCor Gaz 62:4 Apr '78

USN/USMC CH-53E enters production. illus Armed Forces J Intl 115:12 Apr '78

CH-54

Jumping from the Crane. SP5 Charles Drake. illus USA Avn Dig 24:15-16 Oct '78

HELICOPTER TYPE - ContinuedCH-54 - Cont'd

New tricks for Skyranes. illus Army Log 10:24-25
Nov-Dec '78

See CH-47 Chinook

See AH-1 Cobra

See AH-1 Hueycobra

See UH-1 Iroquois

See OH-58 Kiowa

See SH-2; SH-60 LAMPS

See UH-1 Nighthawk

OH-58

OH-58 tail rotor stall. (Reprinted from United States
Army Aviation Digest, Sep 1977) illus USA Avn
Dig 24:42-45 Nov '78

Strictly unqualified. illus USA Avn Dig 24:46-47
Feb '78

RH-53

Helicopter minesweeping operations. LT R. M. Davis.
illus Intl Def Rev 11, No.3:385-388 '78

SH-2

The LAMPShip team. LCDR R. E. Hammond and LT
Pat Tierney. illus US Nav Inst Proc 104:154-158
Mar '78

Question: What's up in Naval Aviation? John Rhea.
illus Sea Power 21:18-22 Mar '78

SH-60

LAMPS III. Dan Manningham. illus US Nav Inst
Proc 104:159-161 Mar '78

LAMPS MK III. George Houser. illus tab Mil Elect/
Countermeasures 4:34+ Oct '78

Costs

Black Hawk enters production--LAMPS future unsure.
Ramon Lopez. illus Intl Def Rev 11, No.8:1269-
1274 '78

See AH-1 Seacobra

See CH-53 Seastallion

See CH-54 Skycrane

See CH-54 Tarhe

HELICOPTER TYPE - ContinuedUH-1

It looks like a Huey. (2B24 UH-1 Huey helicopter
flight simulator) Nanse Grady. illus USA Avn Dig
24:28-29 Dec '78

UH-60

Black Hawk. Gene Costello. illus USA Avn Dig 24:
34-39 Feb '78

Black Hawk enters production--LAMPS future unsure.
Ramon Lopez. illus Intl Def Rev 11, No.8:1269-
1274 '78

UH-60A Black Hawk in production. Ramon Lopez.
illus tab Interavia 33:1111-1116 Nov '78

UTTAS: The technology of helicopter survival. David
Harvey. illus Def & For Aff Dig 6, No.8:4-6+ '78

YAH-64

The advanced attack helicopter challenge. LtCol Da-
vid L. Funk. illus Armor 87:16-22 Jan-Feb '78

YUH-60

Black Hawk. Gene Costello. illus USA Avn Dig 24:
34-39 Feb '78

HELICOPTERS

Helicopters--the maritime workhorses. Yves Robins.
illus Aerosp Intl 14:24-26+ Aug-Sep '78

Accidents

See Accidents, Air; Accidents, Ground (Air-
craft)

Blades

The quest for new technologies in the helicopter
field. Marc Grangier. illus (Also cutaways)
Interavia 33:399-402 May '78

Characteristics

Civil and military helicopter technical data. Table
only. Interavia 33:464-467 May '78

Control

See Flight Control Systems

Design

The quest for new technologies in the helicopter
field. Marc Grangier. illus (Also cutaways)
Interavia 33:399-402 May '78

Electronic Equipment
See Electronic Equipment (Aircraft)

Engines

The quest for new technologies in the helicopter
field. Marc Grangier. illus (Also cutaways)
Interavia 33:399-402 May '78

The Rolls-Royce Gem: An engine family for the
1980s. illus Interavia 33:425 May '78

Turbomeca prepares for the future to stay competi-
tive. illus tab Interavia 33:423-424 May '78

Inspection

See also
Preflight Inspections

HELICOPTERS - ContinuedInstrumentsSee Aeronautical InstrumentsLanding and Takeoff

FAA pursues helicopter IFR (Instrument Flight Rules) programme. Dan Boyle. illus Interavia 33:1079-1080 Nov '78

Maintenance and RepairSee Aircraft MaintenanceManufactureSee Helicopter Industry and TradePiloting

Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

RefuelingSee also

In-Flight Refueling

Safety MeasuresSee also

Flying Safety

TakeoffSee Helicopters--Landing and TakeoffUnited StatesHistory

Remarks about helicopters history. G.J. Tobias. illus NATO's Fifteen Nations 23:73-74 Oct-Nov '78

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U. S. military helicopters by model designation under the specific type, e.g., Helicopter Type--AH-1

Helicopter notes. Regular feature in some issues of National Defense

Helicopters in electronic warfare. G.S. Sundaram. illus Intl Def Rev 11, No. 1:61-64 '78

Technology in modern maritime affairs. Capt J.E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

The value of helicopters in modern warfare. Georg Gibbs. illus NATO's Fifteen Nations 23:106-108+ Aug-Sep '78

AccidentsSee Accidents, Air; Accidents, Ground (Aircraft)Armament

AH-64: The U.S. Army's advanced attack helicopter. J. Philip Geddes. illus tabs Intl Def Rev 11, No. 8: 1247-1252 '78

Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78

HELICOPTERS, MILITARY - ContinuedArmament - Cont'd

Offensive attack helicopter operations. Maj Frank T. Peterlin. illus USA Avn Dig 24:42-46 Jul '78

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

2.75 update: Whatever happened to "the egg on the wall?" Col James L. Tow. tab illus (Also cutaway) USA Avn Dig 24:10-15 May '78

We'll soon need a new helicopter gunship. Capt R. Magnus. illus tab MarCor Gaz 62:49-54 May '78

Blades

Helicopter vibrations: Where we are. Maj Daniel P. Schrage. illus tabs USA Avn Dig 24:18-21 Mar '78

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Canopies

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

Characteristics

The advanced attack helicopter challenge. LtCol David L. Funk. illus Armor 87:16-22 Jan-Feb '78

Advanced scout helicopters. Col George W. Shallcross. Armor 87:50-52 Jul-Aug '78

Civil and military helicopter technical data. Table only. Interavia 33:464-467 May '78

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 61:105-106 Mar '78

Gallery of USAF weapons: Helicopters. illus AF Mag 61:125 May '78

Helicopter vibrations: Where we are. Maj Daniel P. Schrage. illus tabs USA Avn Dig 24:18-21 Mar '78

Combat Evaluation

Analogies and implications from fixed wing ACM (Air Combat Maneuvering). George Haering. illus tab USA Avn Dig 24:7-11 Apr '78

Helicopters can survive the real threat of the modern battlefield. LtCol R. Sancho. illus MarCor Gaz 62:42-48 May '78

Offensive attack helicopter operations. Maj Frank T. Peterlin. illus USA Avn Dig 24:42-46 Jul '78

ControlSee Flight Control SystemsDesign

Backache in helicopter pilots. Maj Ron Goede. (Reprinted from Flight Comment, No. 4, 1977) illus Aerosp Safety 34:14-16 May '78

Trends in modern helicopter design. Vittorio Basile. illus Aerosp Intl 14:42+ Feb-Mar '78

UTTAS: The technology of helicopter survival. David Harvey. illus Def & For Aff Dig 6, No. 8:4-6+ '78

HELICOPTERS, MILITARY - ContinuedElectronic Equipment
See Electronic Equipment (Aircraft)Emergency Procedures

Deep six. (Crewmember tells of his experience in a major aircraft accident) 1stLt Larry D. Shepherd. illus MAC Flyer 25:22-23 May '78

OH-58 tail rotor stall. (Reprinted from United States Army Aviation Digest, Sep 1977) illus USA Avn Dig 24:42-45 Nov '78

Where to set it down? Anywhere you can. illus USA Avn Dig 24:8-9 Jul '78

EnginesSee also

Gas Turbines (Aircraft)

Helicopter vibrations: Where we are. Maj Daniel P. Schrage. illus tabs USA Avn Dig 24:18-21 Mar '78

Maintenance and Repair

T700 engine--a mechanic's dream. Ken Nelson. illus USA Avn Dig 24:46-47 Nov '78

Exhibitions

Behind the scenes at Farnborough. illus Intl Def Rev 11, No.9:1435-1439 '78

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Another bit the dust. (Reprinted from Approach, Oct 1977) illus MAC Flyer 25:14-15 Mar '78

Blowing snow whiteouts. illus USA Avn Dig 24:24-27 Sep '78

Captain Marble's magic maneuver (for dynamic roll-over). Maj John W. Petersen. illus MAC Flyer 25:6-7 Jul '78

Done in: Dynamically! Capt J.P. Cress. (Reprinted from Approach, May 1975) illus tab Approach 23:24-26 Jan '78

Have you "TOLD" (TakeOff and Landing Data) any lately? illus USA Avn Dig 24:26-27 Aug '78

MRAALS (Marine Remote Area Approach and Landing System) will defeat bad weather. LtCol D.W. Johnson. MarCor Gaz 62:60-61 Mar '78

Where to set it down? Anywhere you can. illus USA Avn Dig 24:8-9 Jul '78

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Modifications

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78

HELICOPTERS, MILITARY - ContinuedPerformance

Black Hawk. Gene Costello. illus USA Avn Dig 24:34-39 Feb '78

Black Hawk enters production--LAMPS future unsure. Ramon Lopez. illus Intl Def Rev 11, No.8:1269-1274 '78

Piloting

Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

Power available vs power required. David T. Forbes. illus tabs USA Avn Dig 24:12-15 Dec '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Study and Teaching

First 175/40 IERW (Initial Entry Rotary Wing) graduates. Capt Thomas P. Brown, Jr. illus USA Avn Dig 24:24-25 May '78

'175-40. ' LtCol Charles W. Abbey and Capt Raymond N. Krause. illus Armor 87:14-15 Mar-Apr '78

Simulated antitorque training proven effective. illus tab USA Avn Dig 24:30-32 Jun '78

Power PlantsSee also

Helicopters, Military--Engines

RefuelingSee also

In-Flight Refueling

Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78

Static electricity and hot refueling. illus USA Avn Dig 24:42-44 Dec '78

Equipment

Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78

Safety MeasuresSee also

Flying Safety

Accident assurance. illus USA Avn Dig 24:32-33 Feb '78

Seats

Backache in helicopter pilots. Maj Ron Goede. (Reprinted from Flight Comment, No.4, 1977) illus Aerosp Safety 34:14-16 May '78

Speed

Helicopter vibrations: Where we are. Maj Daniel P. Schrage. illus tabs USA Avn Dig 24:18-21 Mar '78

Helos need an accurate airspeed system. Maj B. Waddell. MarCor Gaz 62:52-53 Mar '78

Stability

Captain Marble's magic maneuver (for dynamic roll-over). Maj John W. Petersen. illus MAC Flyer 25:6-7 Jul '78

HELICOPTERS, MILITARY - ContinuedStalling

OH-58 tail rotor stall. (Reprinted from United States Army Aviation Digest, Sep 1977) illus USA Avn Dig 24:42-45 Nov '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Tails

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Takeoff

See Helicopters, Military--Landing and Takeoff

Brazil

Wasps for Brazil(ian Navy). Elfan ap Rees. illus tab Air Pict 40:15 Jan '78

Europe, Western

Lynx. illus map tab NATO's Fifteen Nations 23:109+ Oct-Nov '78

Germany (Federal Republic)

12th International Helicopter Forum (Bückeburg, Germany, May 8-10, 1978): Emphasis on safety and survivability. Rudi Meller. illus tabs Intl Def Rev 11, No.5:669-672 '78

Great Britain

British remotely-piloted helicopter progress. illus Intl Def Rev 10:1087 Dec '77

A different philosophy for antiship warfare: Sea Skua. Capt G.R. Villar, Ret. illus US Nav Inst Proc 104: 117-118 Jul '78

Military helicopter night flying--problems increase overland. Dan Boyle. illus Interavia 33:426-428 May '78

Wasps for Brazil(ian Navy). Elfan ap Rees. illus tab Air Pict 40:15 Jan '78

Westlands: A major exporter. (Interview with company executives) illus Def & For Aff Dig 6, No.8:19+ '78

Netherlands

The Dutch Lynx (naval helicopter). Yves Robins. illus Aerosp Intl 14:30-31 Aug-Sep '78

Russia

Congress concerned over Soviet helos. Armed Forces J Intl 115:8 Jan '78

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 61:105-106 Mar '78

The new charioteers: Soviet assault helicopter planning. John Fullerton. illus Def & For Aff Dig 6, No.8:34-35 '78

Soviet combat helicopter operations. LtCol Lynn M. Hansen. illus Intl Def Rev 11, No.8:1242-1246 '78

Soviet helicopters: A threat to the forward Army area. Capt Kenneth M. Matwiczak. illus tab Air Def Mag, pp 26-29, Oct-Dec '77

The threat: Mi-8. illus USA Avn Dig 24:41 Nov '78

HELICOPTERS, MILITARY - ContinuedRussia - Cont'dStatistics

Soviet helicopter fleet expands three-fold. tab Armed Forces J Intl 115:13 Jun '78

1,200 KGB, Aeroflot helicopters now reinforce 3,800 in Soviet military. tab Armed Forces J Intl 115:22 Jul '78

United States

Air Cavalry attack troop. Capt Gordon E. Sayre, Jr. tabs USA Avn Dig 24:12-19 Nov '78

Airborne air defense artillery weapons system. Capt Edward H. Littlejohn III. illus USA Avn Dig 24:2-7 Mar '78

Amphibious shipping for attack helicopters. Cpts E.A. DeVite and B.P. Miller III. illus tab MarCor Gaz 62:55-62 May '78

Bell: The big producers. (Interview with Leonard M. Horner) illus Def & For Aff Dig 6, No.8:18+ '78

Boeing Vertol: Heavy-lift masters. (Interview with Charles W. Ellis) illus Def & For Aff Dig 6, No.8:20+ '78

Congress concerned over Soviet helos. Armed Forces J Intl 115:8 Jan '78

Gallery of USAF weapons: Helicopters. illus AF Mag 61:125 May '78

Helicopter minesweeping operations. LT R. M. Davis. illus Intl Def Rev 11, No.3:385-388 '78

Hughes Helicopters AH-64 in advanced development. J. Philip Geddes. illus tab Interavia 33:728-730 Aug '78

Hughes: Masters of attack. (Interview with Thomas R. Stuelpnagel) illus Def & For Aff Dig 6, No.8:41+ '78

(Integrated) Helicopter Control System. illus USA Avn Dig 24:29 May '78

Kaman: Looking for opportunities. (Interview with Fred L. Smith) illus Def & For Aff Dig 6, No.8:21 '78

LAMPS MK III. George Houser. illus tab Mil Elect/Countermeasures 4:34+ Oct '78

The M-56 scatterable mine system. CW4 Frank W. Kervin. illus tab USA Avn Dig 24:44-46 Apr '78

Navy expects static testing of RMSD (Reserve Merchant Ship Defense) System next fall. illus Officer 54:13 Jan '78

New tricks for Skycranes. illus Army Log 10:24-25 Nov-Dec '78

Question: What's up in Naval Aviation? John Rhea. illus Sea Power 21:18-22 Mar '78

Sikorsky: Tooling-up for UTTAS. (Interview with Gerald J. Tobias) illus Def & For Aff Dig 6, No.8:28-29 '78

Update on attack helicopters. Col John C. Bahnsen. illus tabs USA Avn Dig 24:16-21 Sep '78

Vietnam evacuation--a postscript. James D. Sprinkle. illus Am Avn Hist Soc J 22:267 Winter '77

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'd

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. (Reprinted from *Armor*, Nov-Dec 1977) illus USA Avn Dig 24:30-36 Jan '78

We'll soon need a new helicopter gunship. Capt R. Magnus. illus tab MarCor Gaz 62:49-54 May '78

Equipment

Army Aviation support systems philosophy--failure and success. Joseph P. Poynton. illus USA Avn Dig 24:24-29 Jan '78

History

Remarks about helicopters history. G.J. Tobias. illus NATO's Fifteen Nations 23:73-74 Oct-Nov '78

HELICOPTERS IN AGRICULTURE

U.K. agricultural aircraft operators. Norman Thelwell. illus tabs Air Pict 39:465-471 Dec '77

HELICOPTERS IN BUSINESS

Giants battle in U.S. small turbine market. J. Philip Geddes. illus tabs Interavia 33:179-184 Mar '78

HELICOPTERS IN MEDICAL SERVICE

Movement by helicopter of patients with decompression sickness. Eddie J. Reddick. Aviation, Space & Envt Med 49:1229-1230 Oct '78

Protection of medical aircraft. Col Waldemar A. Solf, Ret. illus USA Avn Dig pt 1, 24:14-17 Apr '78; pt 2, 24:33-36 May '78; pt 3, 24:26-29 Jun '78; pt 4, 24:12-14 Jul '78

HELICOPTERS IN PATROL WORK

Offshore Tapestry--the RAF's first year. WgComdr T.C. Flanagan. illus map Royal Air Forces Qtr 18:111-121 Summer '78

The security of offshore resources. D.C. Watt. illus RUSI J for Def Studies 123:18-25 Jun '78

HELICOPTERS IN RESCUE WORK

Deep six. (Crewmember tells of his experience in a major aircraft accident) 1stLt Larry D. Shepherd. illus MAC Flyer 25:22-23 May '78

Down in the cold Atlantic. LT Jerome L. Petykowski. illus Aerosp Safety 34:10-13 Feb '78

Life support training. Capt Frank Rosa. illus TAC Attack 18:10-12 Oct '78

Mayday, Mayday. (True story of a ditching incident off the coast of Saipan) illus Combat Crew 28:16-17 Aug '78; Aerosp Safety 34:6-7 Sep '78

Rescue on Rainier. Capt Thomas F. Stewart. illus map USA Avn Dig 24:8-10 Sep '78

Successful night helicopter rescue. illus Approach 23:16-17 Jan '78

Water survival in the desert? Capt LeRoy Goodman. illus Air Reservist 29:14 Mar '78

HELMETS

Eyeball HUD: New capability added to Army helmet display. illus Elect Warfare/Def Elect 10:31-32 Aug '78

HELMETS - Continued

Hard hat or hard head. TIG Brief 30:6 Jul 7 '78

Helmet repeal blamed for cycle deaths. AF Times 38:10 Jul 24 '78

Helmetless cyclists can get points. AF Times 39:22 Aug 28 '78

Motorcycle helmet laws. TIG Brief 30:4 Aug 4 '78

Testing

A guiding light (GLLD, Ground Laser Locator Designator). TSgt Janet Wright. illus Air Reservist 29:6-7 Mar '78

HIDALGO, Edward

(The profession of arms) (Address, Academic Convocation, 94th class, Naval War College, Aug 15, 1977) Edward Hidalgo. Nav War Col Rev 30:3-8 Winter '78

HIGHWAYS see RoadsHIJACKING OF AIRCRAFT see Airplane HijackingHILL, James A.

The new Vice Chief (again!) por Airman 22; inside front cover Jul '78

Pacific Air Forces. por AF Mag 61:76-77 May '78

HILL, James E.

Aerospace Defense Command. por AF Mag 61:60-61 May '78

HISTORYSee also

Military History

also subdivision History under specific subjects

Do look back. MajGen John W. Huston. TIG Brief 30:1-2 May 12 '78

Study and Teaching

History and military education. Richard Megargee. illus Nav War Col Rev 30:3-15 Spring '78

HOLLOWAY, Bruce K.

The P-40. Gen Bruce K. Holloway, Ret. por Aerosp Hist 25:136-140 Sep '78

HOLLOWAY, James L., III

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. por Officer 54:8 Jul '78

HOME LOANS see Loans, HomeHONORS see Awards, Decorations, etcHOSPITALSAir Force--U.S.

Hospitals and their specialties. AF Times 38:8+ Jul 10 '78

Housekeeping and infection control. TIG Brief 30:13 Oct 20 '78

HOSPITALS - ContinuedAir Force--U.S. - Cont'd

Medical library. TIG Brief 30:18 Jul 21 '78

Medical specialties listed for hospitals. AF Times 38:34+ Jan 9 '78

Policy on outpatient charges. Ron Sanders. AF Times 38:4 Apr 17 '78

Armed Forces--U.S.

Many centers fall med standards. AF Times 38:12 Jan 23 '78

Medical plan would provide wider range. AF Times 38:3 May 1 '78

Army--U.S.

Emergency! SP5 Roberta J. Benjamin. illus Soldiers 33:50-52 May '78

Navy--U.S.

Navy hospital (in New Orleans) new, but unused-- GAO: Turn it over or lease it. AF Times 38:34 Jun 5 '78

China (People's Republic)

China: Cold hospitals, happy patients. Interview. BrigGen Claire Garrecht. illus AF Times 38: 47-48 Mar 6 '78

United States

Hospital logistics. George F. Fairhurst. illus Log Spectrum 12:12-16 Summer '78

HOTELS AND MOTELS

Living sky high in Hawaii. (Hale Koa military resort hotel) Capt John B. Taylor. illus Airman 22:26-30 Nov '78

On the beach--the military hotel (Hale Koa, Waikiki Beach, Honolulu) with 'no class' that's showing plenty of it. Margaret Koenig. illus AF Times, Times Magazine sup:16-19 Apr 3 '78

Renovated family 'hotel' to open at Rhein-Main (AB, Germany). AF Times 38:2 Jan 9 '78

HOURS OF LABOR

Civilians await impact of flexitime. Randy Moore. AF Times 39:4 Oct 23 '78

Guide to encourage hiring of part-timers. AF Times 38:2 Jan 1 '78

Hill seen okaying flexitime. Randy Moore. AF Times 38:14 May 29 '78

A matter of flexitime. SSgt John Savard. illus Soldiers 33:15-17 Jan '78

HOUSE TRAILERS see Mobile HomesHOUSEHOLD EFFECTS

Air Force members play important role in distribution of government business to commercial household goods carriers. TIG Brief 30:11 Feb 17 '78

The computer does the walking. 1stLt Gary Magrino. illus Translog 9:16-17 Jan '78

Do-it-yourself moving program. TIG Brief 30:20 Mar 3 '78

HOUSEHOLD EFFECTS - Continued

A home at Mountain Home. Janes A. George. illus Airman 22:39-44 Jan '78

House rejects curbs on competitive shipping. AF Times 39:38 Aug 21 '78

International HH shipments face bidding scrutiny on Hill. Len Farniglietti. AF Times 38:4 Feb 20 '78

JPPSO University. (JPPSO-Hawaii's training program for joint personal property traffic management) Maj Ken Jenkins. Translog 9:2-5 Jun '78

Member's responsibility in connection with the movement of personal property. TIG Brief 30:18 Mar 31 '78

PCS \$ boost rejected. AF Times 38:3 Mar 6 '78

Partnership for efficiency: The ITO and personal property/passenger traffic. (Seminar, Oakland, Calif, Nov 1977) Dan Hall. illus Translog 9:5-6 Jan '78

'Personalized' moving program. TIG Brief 30:15 Aug 25 '78

Protecting your personal property transportation claim. TIG Brief 30:17 Jun 23 '78

Q&A on Jr enlisted travel entitlements. AF Times 39:8+ Nov 6 '78

Quality control in personal property storage. Ronald V. Claussen. illus Translog 9:6-8+ Aug '78

Quality control of Code J (commercial) carriers. TIG Brief 30:3 Oct 20 '78

Shipping goods: New guidelines. AF Times 39:8 Nov 27 '78

Temporary storage of household goods. TIG Brief 30:14 Jul 7 '78

Temporary storage of household goods for civilian employees. TIG Brief 30:15 May 26 '78

HOUSINGSee also

Barracks and Quarters

Europe, Western

Going to Europe together. SP5 Jo Ann Mann. Translog 9:17-18 Apr '78

Russia

The right to housing. Soviet Mil Rev No. 7:7 Jul '78

United States

Assigning housing by rank criticized (by GAO). AF Times 38:6+ Jan 16 '78

Base housing vs buying a home. Capt Stephen H. Russell. illus tab AF Mag 61:38-42 Apr '78

GI housing: Changes in the wind. Bob Gatty. illus Army 28:27-29 Apr '78

HUD: The frustration of shifting to meet degrees of need. Interview. Patricia Roberts Harris. Govt Exec 10:29+ Mar '78

No place like home. Janet Hake. illus Soldiers 33: 28-32 May '78

Statistics

Housing (referral) offices aided 118,705 people in '76. Ron Sanders. AF Times 38:6 Jan 1 '78

HOUSING, AMERICANEurope, Western

Going to Europe together. SP5 Jo Ann Mann.
Translog 9:17-18 Apr '78

Korea (Republic)

Housing situation improving (in) Korea. AF Times
39:11 Aug 7 '78

HOVERCRAFT see Air Cushion Vehicles

HOYT, Ross G.

Neither snow, nor rain, nor gloom of night. BrigGen
Ross G. Hoyt, Ret. AF Mag 61:58-64 Jan '78

HUGHES, James D.

(Cross-tell mistakes: Use correct chocks) LtGen
James D. Hughes. TIG Brief 30:1-2 May 26 '78

HUMAN ENGINEERING

The artilleryist. Maj Winn B. McDougal. illus Fld
Arty J 46:12-15 Nov-Dec '78

Backache in helicopter pilots. Maj Ron Goede. (Re-
printed from Flight Comment, No. 4, 1977) illus
Aerosp Safety 34:14-16 May '78

HUMAN RELATIONS

Assertiveness training for the military woman?
Nancy Dughi. illus AU Rev 29:52-55 Jan-Feb '78

HEW tries the sterling approach. Govt Exec 10:32-34
Mar '78

"Hitting the ground running." (Remarks, ROTC Cadet
Corps Dining-Out, Alabama State University,
Montgomery, April 22, 1978) Col T.C. Hall. AF
Plyc Ltr for Comdrs: Sup No. 7:24-30 Jul '78

A perspective for human relations. CMSgt Willard
P. Anderson, Ret and SMSgt Thomas E. Wolfe.
illus AU Rev 29:74-80 Mar-Apr '78

The pinger. Capt James P. Coe. illus MAC Flyer
25:6-8 Jan '78

Study and Teaching

Communication channels ... upward! TIG Brief 30:3
Mar '78

Tests of revised HRE (Human Relations Education)
called success. AF Times 38:12 Feb 13 '78

HUMAN RELIABILITY

CFIT (Controlled Flight Into Terrain)--a human fac-
tors problem. Maj John E. Richardson. illus
Aerosp Safety 34:2-5 Feb '78

Common human behaviors & aviation. R.F. Gabriel.
illus tab Aerosp Safety 34:18-22 Apr '78

Crew coordination. Maj Roger L. Jacks. illus Aerosp
Safety 34:4-6 Dec '78

Distraction--fatal, insidious, human. Maj Thomas R.
Allocca. illus Aerosp Safety 34:22-25 Jul '78

How good are maintenance data? John F. Stanhagen,
Jr. tab Log Spectrum 12:57-60 Spring '78

The human reliability program. TIG Brief 30:14
Mar 3 '78

Human Reliability Program (HRP). TIG Brief 30:21
Mar 31 '78

HUMAN RELIABILITY - Continued

'Lockstep' is out of step. TIG Brief 30:5 Mar 17 '78

Looking back at human factors. illus MAC Flyer 25:
20-21 Dec '78

Loss of consciousness during air combat maneuver-
ing. Maj James E. Whinnery and others. illus
Aerosp Safety 34:23-25 Nov '78

Medical aspects of the Personnel Reliability Pro-
gram. TIG Brief 30:22 Sep 22 '78

New 'Reliability Program' regulation (AFR 35-99).
TIG Brief 30:16 Apr 28 '78

PRP (Personnel Reliability Program): Here we go
again! TIG Brief 30:10 Dec 1 '78

Personnel reliability 'suspension' clarified. AF
Times 39:4 Dec 25 '78

Reliability suspension (AFR 35-99) not a disqualifier.
Ron Sanders. AF Times 38:4 May 22 '78

A war for science. LtCol J.W. Stokes and L.E.
Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

HUMAN RESOURCES

HRIS (Human Resources Information System): System-
atically matching the right person to the right po-
sition. Torrey S. Whitman and Albert C. Hyde.
illus tabs Def Mgt J 14:28-34 Mar '78

The logistician: An agent of change. John W. Demido-
vich and Maj Jerome G. Peppers, Jr, Ret. illus
tab Log Spectrum 12:16-22 Spring '78

Stennis notes Reserves' role: Treatment of people
vital. Andy Plattner. AF Times 38:4 Feb 20 '78

HUMAN RIGHTS see Civil RightsHUMPHREY, Hubert H., Jr

Humphrey: Champion of consumers. Goody L. Solo-
mon. AF Times 38:46 Feb 6 '78

HUNGARYPolitics and Government

The political and professional perspectives of the
Hungarian Armed Forces. Ivan Volgyes. J Pol &
Mil Sociol 5:279-294 Fall '77

HURRICANES

Hunting for trouble. (Weather reconnaissance crews
of the Aerospace Rescue and Recovery Service).
illus MAC Flyer 25:13-15 Jan '78

920th (Weather Reconnaissance Gp) flies into hurri-
cane. Capt Dennis R. Boxx. illus Air Reservist
29:8-9 Feb '78

HUSTON, John W.

Do look back. MajGen John W. Huston. TIG Brief
30:1-2 May 12 '78

A memory in words. (USAF historical program)
SMSgt Harold Newcomb. Airman 22:2-8 Jun '78

HYDROFOILS

Mission conversions for the missile hydrofoil. VADM
Joseph J. McClelland, Ret. illus US Nav Inst Proc
104:115-119 Jun '78

HYDROFOILS - Continued

Patrol Hydrofoil Missiles (PHM). illus Def
Trans J 34:45 Apr '78

RINA (Royal Institution of Naval Architects) symposium on small fast warships and patrol vessels (London, March 7-10, 1978). Rolf Boehe. illus
tab Intl Def Rev 11, No.5:746-747 '78

HYDROPLANING

Confessions of a military runway. Capt James J.
Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Hydroplaning risks. TIG Brief 30:7 Mar 31 '78

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

Ship sliding away. Maj Lionel P. Johnson. illus Interceptor 20:8-11 Mar '78

HYDROPORTS see AirportsHYGIENE see Health and HygieneHYPERVENTILATION

Effects of hypocapnia on psychomotor and intellectual performance. T.M. Gibson. illus tab Aviation, Space & Envmt Med 49:943-946 Aug '78

HYPOXIA

Hypoxia. LtCol Harold Andersen. tab TAC Attack 18:12-13 Apr '78

Hypoxia, smoking history, and exercise. Jeames A. Wagner and others. illus tabs Aviation, Space & Envmt Med 49:785-791 Jun '78

IATA see International Air Transport Association

ICBM see Missiles

ILS see Integrated Logistic Support

IP see Instructor Pilots

ICE

Aircraft icing. Maj Philip M. McAtee. illus Aerosp Safety 34:6-8 Nov '78

Aircraft icing--it can happen to you. Bruce J. Kilian. illus USA Avn Dig 24:14-16 Feb '78

Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78

ICEBREAKERS

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

The Polar Sea's story. Mark Clevenger. illus US Nav Inst Proc 104:112-115 Oct '78

Polar Star--sitrep one. RADM Norman C. Venzke. illus US Nav Inst Proc 104:103-106 Oct '78

Polar Star--the second time around. CAPT R.G. Moore. illus tab US Nav Inst Proc 104:107-112 Oct '78

U.S. Coast Guard icebreaker support facility. CDR D.G. Langrock. illus US Nav Inst Proc 104:115-117 Oct '78

ICELAND

Foreign Relations

Great Britain--History

Conflicting concepts in Iceland, 1939: A case study. Maj Donald F. Bittner. illus Aerosp Hist 25:12-18 Mar '78

Strategic Importance

Chasing the Bear. (USAF 57th Fighter Interception Sq intercepts Russian planes near Iceland) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:2-7 Oct '78

ICING ON AIRCRAFT see Airplanes--Ice Prevention; Airplanes, Military--Ice Prevention

IDENTIFICATION OF MILITARY PERSONNEL

Alert sounded on phony med IDs. Ron Sanders. AF Times 38:1+ Jan 9 '78

CMA (Court of Military Appeals) overturns false ID ruling. AF Times 38:10 Apr 10 '78

Computer to halt illegal use of IDs for health care. Richard C. Barnard. AF Times 38:9 Apr 10 '78

Dependent identification (ID) cards. TIG Brief 30:17 Aug 25 '78

Many ineligible get health care: DAS (Defense Audit Service) report. AF Times 39:22 Nov 13 '78

Unauthorized possession and use of USAF Identification (ID) cards. TIG Brief 30:21 Sep 22 '78

IDEOLOGY

Blueprint for abdication. Maj Kenneth G. Miller. illus AU Rev 29:31-38 May-Jun '78

IDEOLOGY - Continued

Christianity v militarism. Army Qtr 108:47-61 Jan '78

Ideology: A Marxian-Paretian critique of the Weberian orientation. John Houghton. J Pol & Mil Sociol 5:155-168 Fall '77

Marxist-Leninist doctrine on war and the Army. ColGen G.V. Sredin. illus Soviet Mil Rev No.1: 18-21+ Jan '78

Marxist-Leninist training of officers. Col V. Zhuravel. illus Soviet Mil Rev No.6:30-31 Jun '78

NATO's ideological sabotage. LtGen A. Shevchenko. illus Soviet Mil Rev No.8:40-43 Aug '78

IMPORT TRADE see Commerce

IN-FLIGHT MEAL SERVICE

Altitude and foods sometimes don't mix. AF Times 38:8 Jul 3 '78

In-flight meals. TIG Brief 30:18 Sep 22 '78

IN-FLIGHT REFUELING

Defuel valve--open or closed? Bob Moore. illus TAC Attack 18:12-14 Feb '78

Fighter air refueling. SSgt Larry L. Strong. illus TAC Attack 18:8-10 Feb '78

In-flight refuelling: A key to operational effectiveness. Alvin Perrin. illus map Intl Def Rev 11, No.4:565-568 '78

An inflight RIF? Capt David E. Pine. illus Aerosp Safety 34:18-19 Dec '78

KCX: The end of the 'Herky Bird'? Maj R. Brown. MarCor Gaz 62:55-56 Mar '78

The Kohler alternate rendezvous. 1stLt Dennis King, Jr. illus tab Combat Crew 28:12-13 Mar '78

Rendezvous in the "Q." Capt David E. Brown. illus Navigator 25:22-23 Spring '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

History

Never a Question Mark. (Historic flight proved that in-flight refueling was practical) Maj Jay B. Welsh. (Reprinted from Airman, March 1976) illus Airman 22:9-13 Dec '78

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITS

Air Force

Air Force realignment of departmental headquarters. AF Plcy Ltr for Comdrs: Sup No.7:38-40 Jul '78

Axe hangs over 5 bases. Len Famiglietti. AF Times 38:1+ May 8 '78

Sayonara, Tachikawa (AB, Japan)--the 'Grand Central Station' of the Far East fades away. Hal Drake. illus AF Times, Times Magazine sup:22-24 Dec 11 '78

Armed Forces

Defense soon to list bases for closing. Andy Plattner. AF Times 38:2 Jan 16 '78

INACTIVATION OF INSTALLATIONS AND UNITS - Continued

Armed Forces - Cont'd

How DOD is handling the problems of base realignment. John P. White. illus Comdrs Dig 21: entire issue Jun 1 '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. illus Govt Exec 10:45-46 Jul '78

Realignment studies affect MTMC, MSC. Translog 9:16-17 Jun '78

INCENTIVE PAY

See also
Flight Pay

Bill would give doctors special pays over \$20,000. AF Times 39:25 Sep 11 '78

Documentation of Environmental Differential Pay (EDP). TIC Brief 30:18 May 12 '78

Evidence needed for hazardous duty pay. AF Times 38:25 May 29 '78

Raise pays to lure doctors, House told. AF Times 39:21 Aug 21 '78

INCOME

See also
Gross National Product

Is comparability killing benefits? Study of all-vol says yes. Andy Plattner. AF Times 38:6 Jul 17 '78

INDIA

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

INDIAN OCEAN REGION

The Soviet-Cuban presence in the Horn of Africa. Lawrence Whetten. illus RUSI J for Def Studies 123:39-45 Sep '78

Strategic Importance

The Indian Ocean negotiations: Rocks and shoals. RADM Robert J. Hanks, Ret. illus Strat Rev 6: 18-27 Winter '78

Pentagon activity in the Indian Ocean. Yu. Lugovskoi. Soviet Mil Rev No. 3:50-51 Mar '78

Three powers--two oceans. Charles Burton Marshall. illus Nav War Col Rev 30:9-20 Winter '78

The United States on Diego Garcia--a question of limits. Ryan J. Barilleaux. map AU Rev 29:25-33 Mar-Apr '78

INDIANS OF AMERICA see American Indians

INDOCHINA

The 1954 Indochina crisis. Capt Richard M. Saunders. illus Mil Rev 58:68-78 Apr '78

INDONESIA

Economic Conditions

Indonesia: Unrest in paradise. Craig J. Spence. illus Def & For Aff Dig 6, No. 4:15-17+ '78

INDONESIA - Continued

Politics and Government

Indonesia: Unrest in paradise. Craig J. Spence. illus Def & For Aff Dig 6, No. 4:15-17+ '78

Social Conditions

Indonesia: Unrest in paradise. Craig J. Spence. illus Def & For Aff Dig 6, No. 4:15-17+ '78

INDUSTRIAL MOBILIZATION see Mobilization, Industrial

INDUSTRIAL PLANNING

See also
Industry and Defense

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRY

See also
Industrial Mobilization
also specific kinds of industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Electronic Industry and Trade
Fish Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade

Great Britain

Britain's military exports: A vital transfusion. John Fullerton. illus Def & For Aff Dig 6, No. 5: 17-20+ '78

Iran

Iran's security in the 1980s. Shahram Chubin. tab Intl Sec 2:51-80 Winter '78

Spain

The brave old world develops its own sword and shield. Gregory Copley. illus Def & For Aff Dig 6, No. 10:16-17+ '78

Third World

Third World arms production: An end to embargoes? Gregory R. Copley and others. illus Def & For Aff Dig 6, No. 8:10-13+ '78

Third World arms production: Less power to the superpowers. Gregory Copley. illus Def & For Aff Dig 6, No. 9:24-26+ '78

United States

MVMA (Motor Vehicle Manufacturers Association): Far more than lobbying. V.J. Adduci. illus Govt Exec 10:42+ Nov '78

Training in transition. P.W. Silver and others. illus Log Spectrum 12:17-24 Summer '78

INDUSTRY AND DEFENSE

America's secret weapon (industrial order of battle). Norman R. Augustine. illus Natl Def 62:558-560+ May-Jun '78

An assessment of a policy for U.S. Allied military-industrial cooperation. Robert E. McGarrah. illus Def Mgt J 14:36-41 Sep '78

INDUSTRY AND DEFENSE - Continued

- Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78
- Back to Pearl Harbor: In a manner of speaking. (Address, National Security Industrial Assoc, Spring 1978) VADM Levering Smith, Ret. illus Govt Exec 10:34+ Aug '78
- The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78
- The brave old world develops its own sword and shield. Gregory Copley. illus Def & For Aff Dig 6, No.10:16-17+ '78
- The breakdown in naval shipbuilding. John R. Newell. illus US Nav Inst Proc 104:24-31 Jan '78
- Competition speeds DIVAD (DIVision Air Defense gun system). Edward E. Berry. illus Natl Def 62: 532-533+ May-Jun '78
- Contractor financial data and analysis at your fingertips. Josephus O. Parr. illus tab Def Mgt J 14: 42-45 Jul '78
- Defense industry news. Regular feature in issues of International Defense Review
- Future industrial mobilization. Gen Henry A. Miley, Jr, Ret. Natl Def 63:54-57 Jul-Aug '78
- History of partners (ADPA and industry) in preparedness. Natl Def 62:392-394+ Mar-Apr '78
- (Importance of communications and electronics to our Armed Forces) (Industrial luncheon address, AFCEA Convention, Washington, June 20-22, 1978) Charles W. Duncan, Jr. illus Signal 32:44-45 Aug '78
- India's defense policy and infrastructure. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 58:31-41 May '78
- The law of supply and the armed: Industry and the U.S. arms control policies. David Harvey. illus tab Def & For Aff Dig 6, No. 9:15-17+ '78
- Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review
- The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaberg) illus Govt Exec 10:42+ Sep '78
- Mil com use of space--lease/buy. (Convention panel, AFCEA, Washington, June 20-22, 1978) Donald M. Jansky and others. illus Signal 32:61-66 Aug '78
- Monitoring the government/industry "partnership." LtCol W. R. Montgomery. Def Sys Mgt Rev 1:28-36 Autumn '78
- NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C.W. Borklund. Govt Exec 10:43+ Dec '78
- Past performance: An essential element in source selection. Col Michael A. Nassr. illus tabs Def Sys Mgt Rev 1:7-14 Autumn '78
- Productivity and national strength. (Remarks, 9th Annual Triservice Manufacturing Technology Conference, Orlando, Fla, Oct 5, 1977) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:19-23 Jan '78

INDUSTRY AND DEFENSE - Continued

- SIRCS (Shipboard Intermediate Range Combat System) and OMB (Office of Management and Budget) Circular A-109: Changing the major system acquisition process. CDR Alvin W. Musgrave, Jr. illus Def Mgt J 14:24-29 May '78
- Tapping the commercial marketplace. Richard A. Stimson. illus Def Mgt J 14:32-38 Jul '78
- The technological level of Soviet industry. John Fullerton. Def & For Aff Dig 6, No. 1:30-31+ '78
- Technology transfer: We're still selling them the rope. J. Fred Bucy. illus Govt Exec 10:37+ Sep '78
- Third World arms production: An end to embargoes? Gregory R. Copley and others. illus Def & For Aff Dig 6, No. 8:10-13+ '78
- Third World arms production: Less power to the superpowers. Gregory Copley. illus Def & For Aff Dig 6, No. 9:24-26+ '78
- Toward more effective implementation of specification tailoring. Warren E. Mathews. illus Def Sys Mgt Rev 1:15-22 Autumn '78
- What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

INDUSTRY AND RESEARCH

- Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis. illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78

INDUSTRY AND STATE

- Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78
- Back to Pearl Harbor: In a manner of speaking. (Address, National Security Industrial Assoc, Spring 1978) VADM Levering Smith, Ret. illus Govt Exec 10:34+ Aug '78
- Business & government: The targets are really the same. (Interview with Raymond H. Herzog) illus Govt Exec 10:13-15 May '78
- Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78
- Government's growing isolation from business. John E. Clarke. illus Govt Exec 10:49-50 Jul '78
- How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78
- MVMA (Motor Vehicle Manufacturers Association): Far more than lobbying. V.J. Adduci. illus Govt Exec 10:42+ Nov '78
- The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaberg) illus Govt Exec 10:42+ Sep '78
- Moral imperialism: The newest look in U.S. international trade. illus Govt Exec 10:26+ Sep '78
- Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78
- A substantial industry and superficial government actions. V.J. Adduci. illus Govt Exec 10:19-20 Jul '78

INDUSTRY AND STATE - Continued

Surveillance of defense programs: The industry role.
Irving J. Sandler. Def Sys Mgt Rev 1:23-27
Autumn '78

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRYRussia

The Soviet motorized rifle company is part of a combined arms. Maj D.G. Nargele. illus MarCor Gaz 62:30-35 Oct '78

United States

Caisson Platoon--in the tradition of the horse soldier. Capt Joe Sciuto. illus Soldiers 33:37-40
Nov '78

EIB (Expert Infantryman Badge)--only the best. MSgt Bruce N. Bant. illus Soldiers 33:28-31 Jul '78

Hitting the beach: Infantrymen train in amphibious warfare. MSgt Matt Glasgow. illus Soldiers 33:45-49 Dec '78

How a Marine rifle company should conduct a mechanized attack. Capt W.R. Stephens. illus MarCor Gaz 62:22-29 Oct '78

1st Infantry Division. Lt George C. Dellinger. illus Infantry 68:18-23 Mar-Apr '78

3d Infantry Division. LtCol Horace G. Taylor. map illus Infantry 68:18-22 Jan-Feb '78

4th Infantry Division. Dick Devlin. illus Infantry 68:18-23 Jul-Aug '78

Infantry on the high-intensity battlefield of Central Europe. Maj Barry R. McCaffrey. illus Mil Rev 58:3-6 Jan '78

The Infantry platoon leader. Cpts Jeffrey K. Beatty and James A. Hales. illus tab Infantry 68:22-27
Nov-Dec '78

King's men: FIST (Fire Support Team). Capt William J. Lennox, Jr. illus Infantry 68:29-30 Jan-Feb '78

Leading to confidence. 1stSgt Walter D. Stock. illus Infantry 68:20-26 May-Jun '78

The making of Infantrymen. illus tabs Infantry 68:30-34 Sep-Oct '78

Maze or stepladder?? (Infantry training at cadet summer camp) Maj Edwin P. Smith. illus Infantry 68:30-33 Mar-Apr '78

Plugging holes and mending fences. Cpts Gregory Fontenot and Matthew D. Roberts. illus Infantry 68:32-36 May-Jun '78

Proposing some new models for Marine mechanized units. William S. Lind. illus MarCor Gaz 62:34-38
Sep '78

Requiem for the Infantry. (Division Restructuring Study) LtCol Robert G. Chaudrue. illus Infantry 68:28-31 May-Jun '78

Tactical C³ in the Infantry. illus Mil Elect/Counter-measures 4:79-80 Apr '78

Equipment

FVS--a true mounted Infantry combat system.
R. Griest. illus Intl Def Rev 11, No. 1:79-80 '78

INFANTRY - ContinuedUnited States - Cont'dEquipment--Maintenance and Repair

Maintenance matters for mech men. LtCol Richard E. Crotty. illus Infantry pt 1, 68:35-37 Sep-Oct '78;
pt 2, 68:28-30 Nov-Dec '78

Organization

2d Infantry Division. Maj William J. Diehl, Jr. illus map Infantry 68:14-18 Nov-Dec '78

25th Infantry Division. SP5 B.J. Small. illus Infantry 68:18-22 Sep-Oct '78

INFANTRY CENTERS AND SCHOOLSRussia

The Vystrel Courses. (Interview with ColGen D.A. Dragunsky) Maj I. Garbuzov. illus Soviet Mil Rev No. 12:16-19 Dec '78

INFILTRATION

Gutting it out: If they weren't SEALs, they'd be climbing Mount Everest. (SEa-Air-Land infiltration reconnaissance teams, the Navy's commandos) Fred Reed. illus AF Times, Times Magazine sup:6-12
Sep 4 '78

INFLATION (FINANCE)

AAFES dividends, 1975-78, keep pace with inflation. Suzanne Viau. AF Times 39:14 Nov 27 '78

Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78

Carter may try to hold CPI raises to one a year. AF Times 39:4 Dec 11 '78

Disabled vets ask cost-of-living \$\$\$. AF Times 39:8
Dec 11 '78

The dollar dilemma. Dave Karten. illus Review 57:8+
May-Jun '78

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. tab illus Govt Exec 10:17-19 Oct '78

Moonlighting: In service of two masters. SSgt Jim Rogers. illus Soldiers 33:28-31 Apr '78

Tax incentives for exports: "Havens for the privileged few?" C.W. Borklund. illus Govt Exec 10:48+
Nov '78

2 o'sea allowance cuts in offing. Randy Shoemaker. AF Times 39:2 Dec 11 '78

Why won't government face the crisis (in U.S. international trade)? C.W. Borklund. illus tab Govt Exec 10:10+ Sep '78

INFLIGHT MEAL SERVICE see entry under In-Flight as two words

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION, FREEDOM OF see Freedom of Information

INFORMATION EXPLOSION

Congress shows the Pentagon new twists in information game. Bob Gatty. illus Army 28:41-43 Jun '78

INFORMATION EXPLOSION - Continued

Information systems. Col Perry R. Nuhn. illus Signal 33:32-35 Nov-Dec '78

Unsolicited proposal: Why the nation sorely needs an 'information constitution.' Ted Lee. Govt Exec 10:56+ Nov '78

Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

INFORMATION PROGRAMSAir Force

Air Force information program. TIG Brief 30:20 Feb 17 '78

Telling the Air Force story. (Speech, Public Relations Society of America, Albuquerque, NM, Dec 15, 1977) BrigGen H.J. Dalton, Jr. AF Plcy Ltr for Comdrs: Sup No.3:24-31 Mar '78

INFORMATION STORAGE AND RETRIEVAL SYSTEMSSee also

Electronic Data Processing Systems
Management Information Systems
Microforms

MCKEES (Marine Corps Key Experience Evaluation System) makes lessons learned useful. LtCol R. Patenaude. MarCor Gaz 62:51-52 Mar '78

Tapping the logistics reservoir. Glenn S. Finley III. illus Army Log 10:34-37 Mar-Apr '78

INFRARED DETECTORS

Airborne IR surveys. Lewis E. Link, Jr. illus Mil Engr 70:246-247 Jul-Aug '78

The convincing value of IR techniques. Bob Bates and Lewis E. Link. illus tab AF Engrg & Svcs Qtr 19: 10-13+ Nov '78

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

Infrared air-to-surface missile system in development--new Swedish system to satisfy operational need for short to medium range IR ASM. illus Elect Warfare/Def Elect 10:30-31 Dec '78

Infrared thermography. James G. Smith, Jr. illus Mil Engr 70:97-99 Mar-Apr '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

Thermal imaging sensor advances pushed. Barry Miller. illus Elect Warfare/Def Elect 10:41-43+ Apr '78

Thermal imaging systems from Hughes. Rudi Meller. illus Intl Def Rev 11, No.5:739-742 '78

INFRARED EQUIPMENT

Infrared thermography. James G. Smith, Jr. illus Mil Engr 70:97-99 Mar-Apr '78

Night vision: On target. SP5 Manuel Gomez. illus Soldiers 33:18-21 Mar '78

Thermal imaging systems from Hughes. Rudi Meller. illus Intl Def Rev 11, No.5:739-742 '78

U.S. infrared, electro-optic countermeasure efforts moving into full swing--major emphasis seen in aircraft self-protection. illus Elect Warfare/Def Elect 10:26+ Jul '78

INFRARED PHOTOGRAPHY see Photography, InfraredINLAND NAVIGATION see WaterwaysINSIGNIASee also

Airplanes--Insignia
Airplanes, Military--Insignia

Air Force--U. S.

Subdued insignia available soon. AF Times 38:4 Mar 13 '78

Army--U. S.

EIB (Expert Infantryman Badge)--only the best. MSgt Bruce N. Bant. illus Soldiers 33:28-31 Jul '78

Mark of a pro (Expert Field Medical Badge, EFMB). MSgt Bruce N. Bant. illus Soldiers 33:6-9 Apr '78

Marine Corps--U. S.

Insignia survey (of Marine warrant officers). MarCor Gaz 62:2 Jun '78

INSPECTIONSee also

Food--Inspection

The national dam inspection program. Samuel H. Miles. illus Mil Engr 70:326-329 Sep-Oct '78

Space age rail inspection. illus Translog 9:15-16 Jul '78

What to do when an Occupational Safety and Health Act (OSHA) inspector arrives at your activity. TIG Brief 30:11-12 May 26 '78

Air Force

Base Fuel Management: Inspection Guide M. TIG Brief Section I, General management. 29:5p addendum Nov 4 '77; Section II, Quality, control and inspection. 29:3p addendum Nov 18 '77; Section III, Fuels operations. 29:18-21 Dec 2 '77; Section IV, Fuels storage. 29:20-21 Dec 16 '77; Section V, Base fuels management. 30:20-21 Jan 6 '78; Section VI, Mobility support. 30:21-22 Jan 20 '78; Section VII, Accounting and administration. 30:21-22 Feb 3 '78; Section VIII, Special activities. 30:21 Feb 17 '78; Section IX, Product receipts. 30:21-22 Mar 3 '78; Section X, Relationships with other organizations. 30:21-22 Mar 17 '78; Errata. 30:22 Mar 31 '78; Errata. 30:14 Apr 14 '78

Base inspection questionnaire. TIG Brief 30:5 Jul 7 '78

Cross-pollinating good ideas. Gen Louis L. Wilson, Jr. Ret. TIG Brief 30:11-12 Sep 8 '78

Crossfeed/self-inspection programs. TIG Brief 30:6 Aug 4 '78

Explosives safety training and inspection requirements. TIG Brief 30:5 Feb 17 '78

Improving physical security inspections. TIG Brief 30:5-6 Oct 6 '78

Inspecting for management results. TIG Brief 30:7 Jan 20 '78

The inspector and you. TIG Brief 30:16 Aug 25 '78

Inspector's viewpoint. Regular feature in issues of Interceptor

INSPECTION - ContinuedAir Force - Cont'd

Internal nuclear safety inspections. TIG Brief 30:5 Jul 7 '78

Is the mission being accomplished? (USAFE self-inspection program) TIG Brief 30:3 Jan 6 '78

Joint inspection: Good technique for high payoff. TIG Brief 30:18 Jul 7 '78

Managing construction management. Maj Daniel E. Paterson and Capt William C. Mason, illus AF Engrg & Svcs Qtr 19:26-29 May '78; Mil Engr 70: 241-243 Jul-Aug '78

New policy on nuclear inspections. TIG Brief 30:6 Apr 14 '78

Nondestructive testing technology improvements. TIG Brief 30:10 Feb 17 '78

The (nuclear) inspection syndrome. TIG Brief 30:5 Sep 22 '78

Nuclear surety inspections. Capt David M. Jones, illus Interceptor 20:26-27 Oct '78

Nuclear Weapon Security Review Group nuclear surety inspection checklists. TIG Brief pt 1-2, 30:17-21 Jun 23 '78; pt 3-5, 30:28-30 Jul 7 '78

Practical experience makes better inspectors. TIG Brief 30:7 Jan 20 '78

Quality assurance versus quality control. Capt Gary C. Bradham, illus AF Engrg & Svcs Qtr 19:8-9 Nov '78

Quality control--quality assurance for service contract surveillance. John J. Lieb and Capt David G. Beers, illus AF Engrg & Svcs Qtr 19:10-14 May '78

Readiness/effectiveness. BrigGen Patrick J. Haloran. TIG Brief 30:3-4 Apr 28 '78

Scenarios for operational readiness inspections. TIG Brief 30:12 Jul 7 '78

Self-inspection in the contracting program. TIG Brief 30:12 Sep 22 '78

Semiannual security inspection. TIG Brief 30:16 Feb 17 '78

Surrounding an (ORI) writeup. TIG Brief 30:3 Jul 21 '78

Ten 'dos' in dealing with the IG: The hows and whys. Capt Rick Dyksterhouse. TIG Brief 30:1-2 Sep 8 '78

U.S. officials can inspect civilian work. AF Times 39:25 Jul 31 '78

Who is responsible for air base survivability? TIG Brief 30:9 Mar 3 '78

Who provides ground safety support? TIG Brief 30:8 Jul 7 '78

Army

Proper count: Taking stock of the system. MSgt Bruce N. Bant, illus Soldiers 33:39-41 Sep '78

INSPECTOR GENERALAir ForceSee also

Air Force Inspection and Safety Center

INSPECTOR GENERAL - ContinuedAir Force - Cont'd

Air Force works hard to prevent flying violations. TIG Brief 30:8 Feb 17 '78

Complaints: GAO rates IG system as fairer, faster, and generating little fear of reprisal. LtGen John P. Flynn. TIG Brief 30:2 Mar 3 '78

The inspector and you. TIG Brief 30:16 Aug 25 '78

Inspector General reports in base newspapers. TIG Brief 30:15 Jul 21 '78

New USAF Inspector General (LtGen Howard M. Lane). TIG Brief 30:22 Oct 6 '78

Ten 'dos' in dealing with the IG: The hows and whys. Capt Rick Dyksterhouse. TIG Brief 30:1-2 Sep 8 '78

Army

Exploring the I.G. myth. Sgt1C Matt Glasgow, illus tab Soldiers 33:6-10 Jun '78

INSTALLATIONSArmed Forces--U.S.

Defense dollars and the "frostbelt coalition." Bob Gatty, tabs maps Army 28:35-37 May '78

INSTRUCTIONAL MATERIALS CENTERS

ARNG multi-media program. Capt Kenneth O. Boley, illus USA Avn Dig 24:17-19 Oct '78

Classroom on call. (Fort Hood's Mobile Learning Center) SP4 Billy Shepherd, illus Soldiers 33:32 Oct '78

INSTRUCTOR PILOTS

Hangar flying with CFIC (Central Flight Instructors Course). LtCol John Dean, Ret, illus Combat Crew 28:12-14 Dec '78

Judgment--intuitive decision making through experience. Maj David C. Prahl, illus Interceptor 20: 18-19 Apr '78

Scratch one Trojan! illus Approach 23:12-13 Jan '78

So you're an IP. USA Avn Dig 24:2-5 Sep '78

The wheel is getting better. Capt M.G. Brandt, illus TAC Attack 18:18-20 Aug '78

INSTRUCTORS see Teachers and TeachingINSTRUMENT FLYING

Advantages of Instrument Flight Rule (IFR) clearances. TIG Brief 30:8 Dec 15 '78

The automatic complacency. Capt K.E. Ternhem, illus Aerosp Safety 34:12-13 Apr '78

Big instrument. Regular feature in some issues of Combat Crew

Danger area--look out! Capt William C. Kassen, illus Combat Crew 28:4-7+ Aug '78

European weather can bite you. LtCol Helmut Oberbrinkmann, illus Aerosp Safety 34:26-27 Jan '78

FAA pursues helicopter IFR (Instrument Flight Rules) programme. Dan Boyle, illus Interavia 33:1079-1080 Nov '78

INSTRUMENT FLYING - Continued

From decision height to touchdown. Capt Tom Couch. illus Combat Crew 28:20-21 Jul '78

Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tilley. illus Aerosp Safety 34:15-16 Nov '78

VDP (Visual Descent Point): It isn't a social disease. Capt Glenn A. Shellhouse. tabs MAC Flyer 25: 18-20 Apr '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Study and Teaching

The IFC (Instrument Flight Center) approach. Regular feature in issues of Aerospace Safety through June 1978

The need for instrument training for Army aviators. MajGen James C. Smith and Capt Omer L. McCants. illus tabs USA Avn Dig 24:1+ Sep '78

INSTRUMENTS

See also specific kinds of instruments, e.g.,

Aeronautical Instruments
Compasses
Navigation Instruments
Sensors
Sextants

Kirtland (AFB, NM) crew grabs 'ideas' at 15,000 feet. John Clendenin. AF Times 39:27 Sep 11 '78

INSURANCE

Health plan includes military: New U.S. project would cover vets, CHAMPUS. AF Times 38:4 May 29 '78

Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78

New CHAMPUS claim form coming. Richard Barnard. illus AF Times 39:34 Aug 28 '78

INSURANCE, LIFE

Policyholders to get \$445.6M in dividends. Larry Carney. AF Times 38:6 Jan 16 '78

Reviewed your life insurance lately? TIG Brief 30:17 Nov 17 '78

SBP vs private plans. AF Times 39:22 Dec 25 '78

INSURGENCY

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

INTEGRATED LOGISTIC SUPPORT

Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness COMMAND) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78

Implementation of integrated logistics support. (Address, 12th Annual International Logistics Symposium of SOLE, San Diego, Calif, Aug 17, 1977) VADM Vincent A. Lascara. Log Spectrum 11:6-8 Winter '77

Tradeoffs to achieve Design To Life Cycle Cost (DTLCC). Kim Newlin. illus tabs Log Spectrum 12:21-30 Fall '78

INTEGRATED LOGISTIC SUPPORT - Continued

Training in transition. P.W. Silver and others. illus Log Spectrum 12:17-24 Summer '78

INTELLIGENCEUnited States

The battle over U.S. intelligence. Bonner Day. illus chart AF Mag 61:42-47 May '78

Changing intelligence priorities. Harry F. Eustace. illus charts tabs Elect Warfare/Def Elect 10:35+ Nov '78

The evolution of literature on United States intelligence. David H. Hunter. Armed Forces & Soc 5: 31-52 Fall '78

Intelligence and national security. James H. Babcock. illus Signal 33:16-18+ Nov-Dec '78

Surveillance and warning. Wallace D. Henderson. illus Signal 33:39-40+ Nov-Dec '78

Bibliography

The evolution of literature on United States intelligence. David H. Hunter. Armed Forces & Soc 5: 31-52 Fall '78

Organization

Intelligence and national security. James H. Babcock. illus Signal 33:16-18+ Nov-Dec '78

Study and Teaching

National Intelligence Study Center: Toward better understanding. illus Officer 56:16-17 May '78

INTELLIGENCE, MILITARY

Defining a ground-based radar ELINT (ELectronic INTelligence) system. illus Intl Def Rev 11, No.7: 1106-1107 '78

Intelligence, security and electronic warfare. MajGen William I. Rolya. illus Signal 32:15-17 Mar '78

Will 'Ultra' rewrite history? Martin Blumenson. illus Army 28:42-48 Aug '78

Belgium

High speed intelligence for the divisional commander. Patrick Meunier. illus NATO's Fifteen Nations 22: 90-91+ Oct-Nov '77

NATO

High speed intelligence for the divisional commander. Patrick Meunier. illus NATO's Fifteen Nations 22: 90-91+ Oct-Nov '77

Russia

Moscow's misinformation pays off. Edgar Ulsamer. illus AF Mag 61:88-90 Nov '78

Soviet ESM (Electronic Support Measures) capabilities detailed. Richard F. J. Bush. illus Elect Warfare/Def Elect 10:60-61+ Dec '78

United States

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No.8:1275-1276 '78

INTELLIGENCE, MILITARY - ContinuedUnited States - Cont'd

C3I: An overview. Gerald P. Dinneen. illus Signal 33: 10-13 Nov-Dec '78

Changing intelligence priorities. Harry F. Eustace. illus charts tabs Elect Warfare/Def Elect 10:35+ Nov '78

Georgia Army National Guard. illus USA Avn Dig 24:23 Nov '78

Intelligence processing and the great technology race. 1stLt Kathleen Ryan. MarCor Gaz 62:41-44 Mar '78

Status and needs of Army intelligence, surveillance and target acquisition. MajGen Charles D. Daniel, Jr. illus tabs Elect Warfare/Def Elect 10:57+ Sep '78

What ship is that? CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 104:61-73 Jul '78

INTER-AMERICAN AIR FORCES ACADEMY

The Latin American connection. TSgt Ken Peterson. illus Airman 22:39-42 May '78

INTERCEPTION OF AIRCRAFT see Airplanes, Military --InterceptionINTERCEPTION OF MISSILES see Missiles--InterceptionINTERCOMMUNICATIONS SYSTEMS

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B. Fries. (Condensed from United States Army Aviation Digest, Sep 1977) illus TAC Attack 18:18-19 Apr '78

INTERCONTINENTAL BALLISTIC MISSILES see MissilesINTERDICTION

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77; pt 3, Influence on tactics and strategy. 10:1062-1066 Dec '77

Costs

The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

Statistics

The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

INTERNATIONAL AIR TRANSPORT ASSOCIATION

Air transport prepares for the low fare era. illus tabs Interavia 33:919-922 Oct '78

The IATA Bank Settlement Plan. tab Interavia 33:51 Jan '78

INTERNATIONAL ATOMIC ENERGY AGENCY

The International Atomic Energy Agency. Thomas L. Brewer. tabs Armed Forces & Soc 4:207-226 Winter '78

INTERNATIONAL COOPERATIONSee also

Aircraft Industry and Trade--International Aspects
Aviation--International Aspects
Aviation, Commercial--International Aspects
Missile Industry and Trade--International Aspects
Nuclear Power--International Aspects
Space--International Aspects
Technology--International Cooperation

The ABCA (American, British, Canadian and Australian Armies) standardization program. William M. Mannel. illus Signal 32:20-24 Apr '78

An assessment of a policy for U.S. Allied military-industrial cooperation. Robert E. McGarrah. illus Def Mgt J 14:36-41 Sep '78

Brazil uses U.S. system in study of ionosphere. AF Times 38:28 Feb 20 '78

Britain's role in NATO: Increasing commitment. Fred Mulley. illus Def & For Aff Dig 6, No. 10: 6-9 '78

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No. 1:71-86 '78

Exchange of information to promote peace. I. Ilyichyov. Soviet Mil Rev No. 9:53-54 Sep '78

In NATO communications (Rationalization, Standardization, Interoperability) RSI=NICS (NATO Integrated Communication System) concept at all levels. BrigGen T. Baroni, Ret. Signal 33:19-20+ Sep '78

International industrial cooperation. Allen Greenwood. illus NATO's Fifteen Nations 23:96-98 Apr-May '78

International initiatives for missiles. G. R. Wenninger. illus Mil Elect/Countermeasures pt 1, 4:23+ Nov '78; pt 2, 4:46+ Dec '78

Military bridges in late '80s. illus Translog 9:18 Jan '78

Military electronics--a quarter trillion dollar market. Murry Shohat. tabs Mil Elect/Countermeasures 4:30+ Dec '78

NATO and disaster relief. Hugh Hanning. illus RUSI J for Def Studies 122:31-34 Dec '77

Pacific common carrier communications systems. Robert E. Conn. illus map tabs Signal 32:35-39 Feb '78

Technology transfer: We're still selling them the rope. J. Fred Bucy. illus Govt Exec 10:37+ Sep '78

Thinking "we." Gen William J. Evans. (Reprinted from EurArmy, May 1978) AF Pley Ltr for Comdrs: Sup No. 8:9-11 Aug '78

The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No. 9: 1472-1476 '78

The violent theater of the terrorist. Michael Moodie. Def & For Aff Dig 6, No. 1:17-21 '78

What DARCOM is doing about NATO interoperability. illus map Govt Exec 10:22-25 Mar '78

INTERNATIONAL COOPERATION - Continued

World Administrative Radio Conference--1979. LtCol John S. Williams, Ret. illus Signal 32:15-18+ Jan '78

INTERNATIONAL CORPORATIONS see Corporations, InternationalINTERNATIONAL LAW

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No.1:48-70 '78

Conflicting concepts in Iceland, 1939: A case study. Maj Donald F. Bittner. illus Aerosp Hist 25:12-18 Mar '78

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No.1:71-86 '78

High stakes in Geneva. (UN 3d Law of the Sea (LOS) Conference) Merle Macbain. illus Sea Power 21: 20-25 May '78

LOS sessions start with seabed mining impasse. L. Edgar Prina. illus Sea Power 21:32-34 Apr '78

Laws of war: Essence, peculiarities. Col N. Kulikov. Soviet Mil Rev No. 11:2-4 Nov '78

The 1977 Protocols to the Geneva Convention of 1949. Maj W. Hays Parks. illus Nav War Col Rev 31: 17-27 Fall '78

Transit rights and maritime strategy. D. P. O'Connell. RUSI J for Def Studies 123:11-18 Jun '78

The violent theater of the terrorist. Michael Moodie. Def & For Aff Dig 6, No. 1:17-21 '78

Study and Teaching

Law of armed conflict program. TIG Brief 30:17 Jan 6 '78

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms SalesINTERNATIONAL POLITICS

European security: The prospect of change. Lawrence Freedman. RUSI J for Def Studies 123:20-26 Mar '78

Food, oil, and coercive resource power. Robert L. Paarlberg. Intl Sec 3:3-19 Fall '78

Inchoate aspirations for world order change. Tariq Osman Hyder. Intl Sec 2:56-64 Spring '78

The new internationalisms. Michael Mandelbaum and William Schneider. Intl Sec 2:81-98 Winter '78

The use of the armed forces as a political instrument. Barry M. Blechman and Stephen S. Kaplan. Nav War Col Rev 30:80-87 Spring '78

Who is holding up détente? Capt T. Belashchenko. Soviet Mil Rev No. 5:46-47 May '78

Why does the U.S. advocate terrorism in Southern Africa? C. W. Borklund. illus map Govt Exec 10: 35-36+ Mar '78

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

The Indian Ocean negotiations: Rocks and shoals. RADM Robert J. Hanks, Ret. illus Strat Rev 6: 18-27 Winter '78

INTERNATIONAL RELATIONS - Continued

Modern forms of conflict. John E. Tashjian. RUSI J for Def Studies 122:20-24 Dec '77

Pivotal problem of our times. (War and peace) Col V. Khrobostov and LtCol V. Gorbunov. Soviet Mil Rev No. 1:59-61 Jan '78

Propaganda myths of the opponents of détente. Col A. Migolatyev. Soviet Mil Rev No. 11:51-53 Nov '78

The reshaping of Asia: Reflections on changing alignments. E. Stuart Kirby. RUSI J for Def Studies 122:25-31 Dec '77

Soviet Bloc borrowing from the West: Prospects and implications. Penelope Hartland-Thunberg. illus tabs Strat Rev 6:55-63 Winter '78

Water as a source of conflict. Col Roy L. Thompson. illus tabs Strat Rev 6:62-72 Spring '78

History

Accidents and crises: The Dogger Bank affair. Richard Ned Lebow. illus Nav War Col Rev 31:66-75 Summer '78

The lessons of Teheran. V. Berezhevskiy. Soviet Mil Rev No. 11:40-42 Nov '78

INTERNATIONAL SECURITY see Security, InternationalINTERPLANETARY FLIGHT see Space Flight
also space flights to specific planets, e.g.,
Space Flight to VenusINTERSERVICE COOPERATION

ASPJ (Airborne Self Protection Jammer). (Bidders' concerns, source selection process) Coleman Rodgers. illus Mil Elect/Countermeasures 4:47-48+ Jun '78

ASPJ (Airborne Self Protection Jammer): Partners at last (Air Force-Navy). Coleman Rodgers. illus Mil Elect/Countermeasures 4:18+ Apr '78

The ASPJ EW system: Is a single product justifiable? Gowri Sundaram. illus tab Intl Def Rev 11, No. 6: 960-962 '78

ASPJ: New AF/Navy agreement. Coleman Rogers. illus tab Mil Elect/Countermeasures 4:63+ Nov '78

The Air Force FAC (Forward Air Controller). LtCol David R. Hughes. illus TAC Attack 18:8-12 Aug '78

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No. 8:1275-1276 '78

Cleared hot! Capt Wayne F. Conroy. illus TAC Attack 18:3-6 Aug '78

The green rubs off. (AF detachment at Fort Bragg, NC, provides Army-AF coordination) Capt Dick Sheffield. illus Airman 22:43-48 May '78

(Joint Navy/Air Force Cruise Missiles Project) Interview. RADM Walter M. Locke. illus Mil Elect/Countermeasures 4:18+ Sep '78

A patch of blue: How the Air Guard helps the Army Guard fly. Maj Neal Gendler. illus Natl Guardsman 32:22-23 Jan '78

TAC-TRADOC dialogue. Gen Robert J. Dixon. illus charts Strat Rev 6:45-54 Winter '78

The TALO (Tactical Airlift Liaison Officer): MAC's man in the Army. LtCol Curtis W. Rosler and Maj Don O. Christian. illus MAC Flyer 25:10-11 Aug '78

INTERSERVICE COOPERATION - Continued

208th (Weather Flt) 'tells the Army when to fly!' Maj Neal M. Gendler. illus Air Reservist 29:9-10 Feb '78

INTERVENTION

Angola, national liberation, and the Soviet Union. Daniel S. Papp. illus Parameters 8:26-39 Mar '78

The limits of military intervention: A propositional inventory. Morris Janowitz and Ellen P. Stern. illus Mil Rev 58:11-21 Mar '78

The military implications of public opinion. Maj Brian Mullady. illus tabs AU Rev 29:51-59 May-Jun '78

1965 intervention in Dominican Republic: A successful military power application? Maj James K. McCollum, Ret. illus map Officer 54:16-18 Jul '78

Why the Armed Forces Intervened in Chile. Col R. T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

INVENTIONS

Are you an Air Force inventor? TIG Brief 30:21 Jul 21 '78

INVENTORIES

MRP (Material Requirements Planning): The inventory control challenge of the future. Robert G. Stein. illus tabs Log Spectrum 11:15-20 Winter '77

Making DTLS (Design-To-Logistic-Support Cost) work: Two essential elements. L. F. Eliel. illus tabs Log Spectrum 11:24-30 Winter '77

Military Handbook 300 technical information file. TIG Brief 30:18 Oct 6 '78

Proper count: Taking stock of the system. MSgt Bruce N. Bant. illus Soldiers 33:39-41 Sep '78

Property accountability. MajGen Oren E. DeHaven. illus Air Def Mag, pp 34-36, Oct-Dec '78

Reporting MDRs (Material Deficiency Reports). TIG Brief 30:15 Dec 15 '78

INVESTMENTS

A corporate approach to municipal securities. Gerald S. Schwartz. illus Govt Exec 10:40+ Dec '78

GAO questions NAF investment returns. AF Times 38:20 Apr 24 '78

IONOSPHERE see Atmosphere, UpperIRAN

Crisis in Iran. map Mil Elect/Countermeasures 4:26+ Nov '78

Iran: A real, artificial problem. Gregory Copley. Def & For Aff Dig 6, No. 12:48 '78

Study finds Iran FMS program confused, misdirected, poorly-controlled. Armed Forces J Intl 115:10-11 Jan '78

Foreign Policy

Iran's security in the 1980s. Shahram Chubin; tab Intl Sec 2:51-80 Winter '78

Politics and Government

Iran: A real, artificial problem. Gregory Copley. Def & For Aff Dig 6, No. 12:48 '78

Strategic Importance

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan. 6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7: 14-16+ '78

Iran--strategic keystone. John Golden. map Natl Def 63:47-49+ Nov-Dec '78

IRAN - ContinuedStrategic Importance - Cont'd

U.S. strategic interests in Iran and Saudi Arabia. Robert Ghobad Irani. illus map Parameters 7, No. 4:21-34 '77

IRELAND, NORTHERN

Send for Felix! (Ammunition expert) Col Norman L. Dodd, Ret. illus Mil Rev 58:46-55 Mar '78

Ulster: The name of the internal security game. R. B. Pengelley. illus Intl Def Rev 11, No. 8: 1297-1301 '78

IRRADIATION see RadiationISELIN, Donald G.

Energy management in the Navy's shore establishment. RADM Donald G. Iselin. Mil Engr 70:8-11 Jan-Feb '78

ISLANDS AND ATOLLS

The high stakes of geopolitics in Tierra del Fuego. Stephen M. Gorman. illus tabs map Parameters 8: 45-56 Jun '78

Recovering a paradise lost. (Reclamation of former nuclear test site, Enewetak Atoll in the Marshall Islands) TSgt David B. Drachlis. illus Airman 22: 2-8 Jul '78

ISRAEL

Beyond the "plane package": Arms and politics in the Middle East. Andrew J. Pierre. Intl Sec 3:148-161 Summer '78

Israelis and Palestinians: Psychological prerequisites for mutual acceptance. Herbert C. Kelman. Intl Sec 3:162-186 Summer '78

Foreign Policy

Israel's strategic posture. (Interview with Moshe Arens) illus Def & For Aff Dig 6, No. 12:34-35 '78

Foreign Relations

Israel's strategic posture. (Interview with Moshe Arens) illus Def & For Aff Dig 6, No. 12:34-35 '78

Lebanon

Goliath's War: Israeli operation Litani, 15-17 March 1978. Edgar O'Ballance. map MarCor Gaz 62:34-40 Dec '78

South Africa (Republic)

Israeli-South African trade: An analysis of recent developments. Maj Gerald J. Keller. Nav War Col Rev 30:74-80 Spring '78

United States

Arms for Israel: The limit of leverage. Thomas R. Wheelock. Intl Sec 3:123-137 Fall '78

ITALYPolitics and Government

Eurocommunism, a pseudo-phenomenon. Angelo M. Codevilla. illus Strat Rev 6:62-70 Fall '78

Terrorist negotiation: Could (Premier) Moro have been saved? Stefan T. Possony. illus Def & For Aff Dig 6, No. 6:38 '78

Strategic Importance

Italy: Quiet naval power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 4:19-20+ '78

JTIDS see Joint Tactical Information Distribution System

JUMPS see Joint Uniform Military Pay System

JAMES, Daniel, Jr

Former NORAD chief gives views on air defense. Interview. Gen Daniel James, Jr. por AF Times 38:27+ Feb 13 '78

Gen Daniel James dies. por obit AF Times 38:20 Mar 13 '78

Gen Daniel James, Jr, 1920-1978. por obit AF Mag 61:15 Apr '78

JAMES, Richard R.

Pleadings and practice under United States v Alef. Capt Richard R. James. AF Law Rev 20, No.1: 22-47 '78

JAPAN

Japan: The new defense debate. Gen Hiroomi Kurisu. Def & For Aff Dig 6, No.10:32-33+ '78

Japanese on U.S. rolls in Japan called overpaid. AF Times 38:21 Jun 26 '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

Foreign Relations

United States

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

JASKILKA, Samuel

Gen Jaskilka ends distinguished career. por MarCor Gaz 62:2 Jun '78

JAYNE, Edward R., II

The enemy is less easy to identify now. Interview. Edward R. Jayne II. por Armed Forces J Intl 116:28+ Nov '78

JEEPS

The U.S. Army combat support vehicle--light armoured reconnaissance vehicle or superjeep? Hasso Erb. illus tab Intl Def Rev 11, No.6:917-920 '78

JET ENGINES

See also

Gas Turbines (Aircraft)

The "big fans" come of age. John F. Brindley. illus tabs Interavia 33:707-710 Aug '78

Engine automation--British companies continue to advance. Dan Boyle. illus Interavia 33:195-198 Mar '78

JET ENGINES - Continued

Engines for future SSTs--improving performance and reducing noise. illus tabs Interavia 33:185-186 Mar '78

The General Electric F404--driving force for the F-18. John F. Brindley. illus tabs Interavia 33: 609-610 Jul '78

Giants battle in U.S. small turbine market. J. Philip Geddes. illus tabs Interavia 33:179-184 Mar '78

Improper preparation of J79 engines for transportation. TIG Brief 30:14 Jan 6 '78

Pratt & Whitney's JT8D-209 programme. John F. Brindley. illus tabs Interavia 33:867-868 Sep '78

Rolls Royce. (Interview with Kenneth Keith) Erhard Heckmann. illus tabs Aerosp Intl 14:38-40+ Oct-Nov '78

The Rolls-Royce Gem: An engine family for the 1980s. illus Interavia 33:425 May '78

The second generation of high-bypass turbofans: A market clouded by uncertainty. John F. Brindley. illus tabs Interavia 33:711-714 Aug '78

Turbomeca prepares for the future to stay competitive. illus tab Interavia 33:423-424 May '78

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Maintenance and Repair

Engine inflight monitoring update. Lt Col James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

Engine tracking system. TIG Brief 30:15 Nov 17 '78

Reduced thrust takeoffs. Capt Frank T. Werner. illus tabs Combat Crew 28:8-10 Mar '78

JOB ANALYSIS

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

A case for mandatory certification (for wastewater treatment). SMSgt Hermie Corns. illus AF Engrg & Svcs Qtr 19:30-32 Feb '78

Incorporating social psychological factors in job design. LtCol Richard V. Badalamente. illus Log Spectrum 12:47-52 Fall '78

The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. illus tab Log Spectrum 12:16-22 Spring '78

RMS (Resource Management System) 1977--encouraging management growth and productivity. Maj Barry D. Guyse. AU Rev 29:81-85 Sep-Oct '78

JOHNSON, Harold R.

American Satellite dedicated government network continues rapid expansion. BrigGen H.R. Johnson, Ret. por Signal 32:42-45+ Jan '78

JOHNSON, John B.

(R)ADM (Carl) Seiberlich details personnel problems (at ROA Service Affairs Conference, Columbus, Ohio, 1977). RADM John B. Johnson. Officer 54:12 Feb '78

JOHNSON, John B. - Continued

RADM (Thomas A.) Kamm tapped for Washington Reserve job. RADM John B. Johnson. Officer 54:9 Aug '78

VADM Charbonnet has 'say' following retirement. RADM John B. Johnson. Officer 54:13+ Nov '78

JOHNSON, Lyndon B.

JFK and LBJ consider aerospace defense. Gen Laurence S. Kuter, Ret. por: Aerosp Hist 25:1-4 Mar '78

JOINT CHIEFS OF STAFF

CMC now permanent member of JCS. MarCor Gaz 62:3 Dec '78

Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. illus Armed Forces J Intl 115:12 May '78

DOD reorganization studies seek more authority for JCS chairman. Armed Forces J Intl 115:8+ Aug '78

(Gen David C.) Jones becoming JCS chairman; (Gen Lew) Allen next Chief of Staff, USAF. illus Officer 54:10 Jun '78

(Gen David) Jones 'unretires' to head JCS; (Gen Lew) Allen named (Vice) C/S. illus AF Times 38:8 Apr 17 '78

Generals Jones and Allen to be JCS Chairman, USAF Chief (of Staff). Bonner Day. illus AF Mag 61:34-36 Jun '78

JCS: CHAMPUS 'failure' hurts recruiting efforts. Richard Barnard. AF Times 38:1+ May 1 '78

JCS influence on policy eroding. ADM Thomas H. Moorer, Ret. AF Times 39:13 Oct 30 '78

JCS reorganizes. illus Comdrs Dig 21:12 May 18 '78

The Joint Chiefs of Staff Master Navigation Plan. Col Stephen W. Gilbert. illus Navigator 25:9-11 Winter '78

Making military judgments. (Address, Business Council, Hot Springs, Va, Oct 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 12:8-14 Dec '77

The military chiefs and Defense policy: Is anyone listening? Lloyd Norman. illus Army 28:14-16+ Apr '78

New Pentagon team. (Gen Lew Allen, Jr, Air Force Vice Chief of Staff succeeds Gen David C. Jones as Air Force Chief of Staff; Gen Jones to chair the Joint Chiefs of Staff) illus Air Reservist 30:4 Jul '78

Pay to remain as is for now, Brown says. Tom Philpott. AF Times 39:3 Aug 28 '78

Pentagon reorganization group studies 'fundamental problems' in Defense structure. L. Edgar Prina. illus Sea Power 21:14-16 Jan '78

(SecDef) Brown wants to boost JCS image. AF Times 39:31 Jul 31 '78

Stand-by draft 'for men only.' AF Times 39:12 Dec 4 '78

JOINT CHIEFS OF STAFF - Continued

White House, Pentagon now weigh more far-reaching Defense reorganization. Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-36 Nov '78

Organization

Department of Defense. illus chart Command 1: entire issue Nov '78

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

United States

TAC-TRADOC dialogue. Gen Robert J. Dixon. illus charts Strat Rev 6:45-54 Winter '78

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name.

Air operations at the "Berezina" exercise. LtGen P. Bazanov. illus Soviet Mil Rev No. 11:18-19 Nov '78

Bold Eagle. illus Air Reservist 29:9 Dec '77-Jan '78

Electronic warfare training for reality. BrigGen David E. Rippetoe, Jr. illus Signal 32:42-45 Mar '78

JAWS (Joint Attack Weapons Systems). Maj Joe Beach. illus tab USA Avn Dig 24:44-47 Sep '78

JAWS (Joint Attack Weapons Systems) chew armor in new ways: Army-Air Force tests devise winning tactics. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:32-34 Jan '78

A little warthog in all of us. (Joint Attack Weapons Systems (JAWS) exercises) Capt John W. Lieberherr. illus USAF Ftr Wpns Rev, pp 10-11, Fall '78

Operation Total Forces Weld I. 1stLt Thomas A. Grandstaff. illus Air Def Mag, pp 24-26, Jan-Mar '78

History

British seapower and its influence upon the Peninsular War (1808-1814). Donald D. Horward. illus Nav War Col Rev 31:54-71 Fall '78

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

The chemistry of communications. (Remarks, a symposium on the effect of the ionosphere on space systems and communications, Washington, Jan 25, 1978) F. Robert Naka. AF Plcy Ltr for Comdrs: Sup No. 3:19-23 Mar '78

JTIDS: A major effort towards jam-resistant, secure communications. illus Interavia 33:1042-1046 Nov '78

JTIDS (Joint Tactical Information Distribution System) to hand off airborne missiles. illus Elect Warfare/Def Elect 10:56-57 Feb '78

JOINT UNIFORM MILITARY PAY SYSTEM

JUMPS brings pay data to base level. Randy Moore.
AF Times 38:4 Mar 27 '78

Military pay uses computers and satellites. TIG
Brief 30:20 Aug 25 '78

JOMINI, Antoine H.

Clausewitz and Jomini: A conceptual framework for
the study of strategy. Capt Theodore A. Nitz.
Educ J 20:40-43 Spring '78

JONES, David C.

An Air Force outlook. (Remarks, North Dakota
Newspaper Assoc Convention, Minot, ND,
April 21, 1978) Gen David C. Jones. AF Plcy Ltr
for Comdrs: Sup No. 6:2-8 Jun '78

Changing the guard: President Carter names new
chiefs for JCS, Air Force, Navy, Coast Guard.
por Armed Forces J Intl 115:12 May '78

(Gen David C.) Jones becoming JCS chairman; (Gen
Lew) Allen next Chief of Staff, USAF. por Officer
54:10 Jun '78

(Gen David) Jones 'unretires' to head JCS; (Gen Lew)
Allen named (Vice) C/S. por AF Times 38:8
Apr 17 '78

Gen Jones proposes new retirement plan. Tom Phil-
pott. AF Times 39:1+ Dec 18 '78

(Gen) Jones stresses on Hill: Pay system working.
por AF Times 38:4 May 29 '78

Gen Jones testifies (before President's Commission
on Military Compensation, Dec 21, 1977). AF
Times 38:4+ Jan 1 '78

Generals Jones and Allen to be JCS Chairman, USAF
Chief (of Staff). Bonner Day. por AF Mag 61:34-36
Jun '78

JCS reorganizes. por Comdrs Dig 21:12 May 18 '78

Just-a-job attitude concerns (Gen David C.) Jones.
M.L. Craver. AF Times 38:4 Feb 20 '78

Military compensation. (Presentation, President's
Commission on Military Compensation, Washing-
ton, Dec 21, 1977) Gen David C. Jones. AF Plcy
Ltr for Comdrs: Sup No. 2:2-8 Feb '78

New Pentagon team. (Gen Lew Allen, Jr, Air Force
Vice Chief of Staff succeeds Gen David C. Jones as
Air Force Chief of Staff; Gen Jones to chair the
Joint Chiefs of Staff) por Air Reservist 30:4 Jul '78

'Readiness now' best insurance for national security.
Gen David C. Jones. por Officer 54:17-19 Dec '78

Report to the 95th Congress. (Statement to the House
Armed Services Committee, Feb 7, 1978) John C.
Stetson and Gen David C. Jones. AF Plcy Ltr for
Comdrs: Sup No. 4:2-19 Apr '78

JONES, David C. - Continued

USAF character is unchanged. Gen David C. Jones.
por AF Mag 61:53-54+ May '78

JUDGE ADVOCATE GENERALAir Force

Authority to negotiate and conclude international
agreements. TIG Brief 30:15 Apr 14 '78

The challenge of directing a professional staff: Lead-
ership and management insights for the staff judge
advocate. Maj Daniel J. Gallington. tabs AF Law
Rev 20, No. 1:1-21 '78

Civil deposition or trial appearance by an Air Force
witness who previously furnished information in
safety investigations. TIG Brief 30:18 Jan 20 '78

JAG scores Court (of Military Appeals) limits on
discipline. Interview. MajGen Walter D. Reed.
AF Times 38:25 May 15 '78

The role of the commander and the Staff Judge Advo-
cate in the military justice system. TIG Brief 30:
15-17 Dec 1 '78

The roles of the convening authority, staff judge ad-
vocate, and trial personnel in the military justice
system. TIG Brief 30:10-12 Dec 15 '78

U.S. patent copies available. TIG Brief 30:15
Sep 22 '78

Armed Forces

Plan would trim JAG's paperwork. AF Times 39:10
Dec 11 '78

JUDGES

Keystone of justice. MSgt Bruce N. Bant. illus Sol-
diers 33:47-49 Oct '78

JUDICIAL SYSTEMS see CourtsJUNGLE WARFARE

Jungle communications. Lt Steven Williams and SP
B.J. Kullerud. illus Infantry 68:38-40 Jul-Aug '78

Jungle living. Capt Fred M. Berger and Lt Woitto N.
Helenius. illus Infantry 68:45-47 Nov-Dec '78

Study and Teaching

Jungle revisited (at Army's Jungle Operations Cen-
ter, Fort Sherman, CZ). LtCol Roy S. Lombardo,
Jr. tabs Infantry 68:36-37 Jul-Aug '78

Marines scheduled for jungle training (at Army's
Jungle Warfare Training Center, Panama Canal
Zone). MarCor Gaz 62:4 Mar '78

KP (Kitchen Police) see Food Service

KAMCHATKA PENINSULA

Strategic Importance

Kamchatka: Nonnuclear deterrent. Col William V. Kennedy. illus map Mil Rev 58:12-18 Aug '78

KAMM, Thomas A.

RADM (Thomas A.) Kamm tapped for Washington Reserve job. RADM John B. Johnson. por Officer 54:9 Aug '78

KAUFMAN, Robert Y.

Naval strategy: The C³ connection. VADM Robert Y. Kaufman. por Signal 32:7-8+ Jan '78

KEMP, Jack

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. por Govt Exec 10:17-19 Oct '78

KENNEDY, John F.

JFK and LBJ consider aerospace defense. Gen Lawrence S. Kuter, Ret. por Aerosp Hist 25:1-4 Mar '78

KEPNER, William E.

Reminiscences of an LTA pilot. LtGen William E. Kepner, Ret. AF Mag 61:100-102+ Sep '78

KERWIN, Walter T., Jr

Decisions. (Speech, Abrams Chapter, U.S. Armor Assoc, April 4, 1978) Gen Walter T. Kerwin, Jr. por Armor 87:10-11 May-Jun '78

More demanded of Reservists in readiness. (Excerpts from address, ROA Army Section, Columbus, Ohio, 1977) Gen Walter T. Kerwin, Jr. por Officer 54:8+ Jan '78

Retiring (Army) Vice Chief says keep soldier in mind. Gen Walter T. Kerwin, Jr. por Officer 54:6 Aug '78

Values of today's Army. Gen Walter T. Kerwin, Jr. por Soldiers 33:4 Sep '78

KIDD, Isaac C., Jr

Atlantic Fleet Chief (ADM Kidd) spells out Reserve policy. por Officer 54:8 Jun '78

The defense of the Atlantic. ADM Isaac C. Kidd. por NATO's Fifteen Nations 23:28-30+ Oct-Nov '78

How do you get there from here? (Testimony, House Merchant Marine and Fisheries Committee, Sep 20, 1978) ADM Isaac C. Kidd. por Sea Power 21:19-22 Oct '78

KILLPACK, Larry M.

A commission in today's military. (Remarks, VPI/SU ROTC Commissioning Ceremony, Blacksburg, Va, June 9, 1978) MajGen Larry M. Killpack. AF Plcy Ltr for Comdrs: Sup No. 9:24-30 Sep '78

KISSINGER, Henry A.

(Relationship of military power to foreign policy) (Admiral Raymond A. Spruance Lecture, March 8, 1978) Henry A. Kissinger. Nav War Col Rev 31: 4-10 Summer '78

KLINE, John A.

Graphic rating scales for speaking and writing. LtCol Henry F. Lippincott, Jr and others. por Educ J 20:27-34 Spring '78

KNERR, Hugh J.

MajGen Hugh J. Knerr, hard campaigner for airpower. Murray Green. por AF Mag 61:90-92 Oct '78

KNIGHT, Albion W., Jr

The high security cost of CTB (Comprehensive Test Ban). BrigGen Albion W. Knight, Ret. AF Mag 61: 66-69 Jun '78

KNIGHT, James A., Jr

We owe the troops. (Remarks, Public Hearing of the President's Commission on Military Compensation, Thomas Nelson Community College, Hampton, Va, Sep 21, 1977) LtGen James A. Knight, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:24-28 Jan '78

KOEHLER, John J., Jr

Air defense against future threats. MajGen John J. Koehler, Jr. por Natl Def 63:43-47 Jul-Aug '78; Air Def Mag, pp 10-13, Jul-Sep '78

KOMER, Robert W.

It's "easier to turn this building around ... than it is to turn around 14 NATO allies." Interview. Robert W. Komer. por Armed Forces J Intl 116:47-52 Sep '78

KOREA

Strategic Importance

Korea: 25 years later. CAPT John F. Tarpey, Ret. illus US Nav Inst Proc 104:50-57 Aug '78

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

The Korean balance vs the U.S. withdrawal. Bridget Gall. maps tabs Armed Forces J Intl 115:37-42 Apr '78

KOREA (REPUBLIC)

Combat-ready on the DMZ (DeMilitarized Zone). Gen John W. Vessey, Jr. illus Army 28:86-90 Oct '78

Keeping the morning calm. (1st Signal Brigade in Korea) Col James L. Young. illus Signal 32:52-56+ Feb '78

Team Spirit '78. (US and Republic of Korea hold defensive exercise) SMSgt Harold Newcomb. illus Airman 22:43-48 Sep '78

Foreign Relations

United States

Defense and cooperation: The USAF in Korea. (Remarks before Songtan-Up Chapter, Lions International, Feb 15, 1978) MajGen Robert C. Taylor. AF Plcy Ltr for Comdrs: Sup No. 5:24-27 May '78

Team spirit with South Korea. David Harvey. illus Def & For Aff Dig 6, No. 3:28-29 '78

Withdrawal from Korea: A perplexing decision. Ernest W. Lefever. illus tab Strat Rev 6:28-35 Winter '78

KOREA (REPUBLIC) - ContinuedStrategic Importance

The Korean balance vs the U.S. withdrawal. Bridget Gall. maps tabs Armed Forces J Intl 115:37-42 Apr '78

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

KOREAN WAR, 1950-1953

The making of (the movie) "Battle Hymn." James H. Farmer. illus Am Avn Hist Soc J 23:37-48 Spring '78

KOREAN WAR, 1950-1953 - Continued

Modernization and conflict: Soviet military assistance to the PRC, 1950-60. Maj Joseph E. Thach, Jr. illus Mil Rev 58:72-92 Jan '78

The USAF's Korean War recruiting rush and the great tent city at Lackland Air Force Base (Tex). Larry Benson. illus tab Aerosp Hist 25:61-73 Jun '78

KUTER, Laurence S.

Edgar Gorrell's concept of air war. Gen Laurence S. Kuter, Ret. AF Mag 61:80-82 Apr '78

George C. Marshall, architect of airpower. Gen Laurence S. Kuter, Ret. AF Mag 61:65-67 Aug '78

JFK and LBJ consider aerospace defense. Gen Laurence S. Kuter, Ret. por Aerosp Hist 25:1-4 Mar '78

LEAA see Law Enforcement Assistance Administration

LMDC see Leadership and Management Development Center

LABOR DEPT

United States

Definition of Viet vet 'arbitrarily' changed (by Labor Dept). AF Times 38:29 Mar 27 '78

LABOR-MANAGEMENT RELATIONS

United States

The impact of labor-management relations on Defense management. Carl W. Clewlow and David H. Green. illus tabs Def Mgt J 14:3-11 Mar '78

The manager and labor relations. TIG Brief 30:14 Feb 17 '78

LABOR SUPPLY see Manpower

LABOR UNIONS

See also
Military Unions

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

The impact of labor-management relations on Defense management. Carl W. Clewlow and David H. Green. illus tabs Def Mgt J 14:3-11 Mar '78

The manager and labor relations. TIG Brief 30:14 Feb 17 '78

Union-ATC dispute to be heard Aug 1. AF Times 38:19 Jun 5 '78

Union asks flat \$21 instead of cap. AF Times 38:6 May 8 '78

LABORATORIES

See also specific types of laboratories, e.g.,
Aeronautical Laboratories
also laboratories by name, e.g.,
Air Force Avionics Laboratory
Naval Research Laboratory

Advanced composites in aerospace. (Developments at Air Force Materials Laboratory) Frank Cherry. illus Natl Def 62:474-475+ Mar-Apr '78

Natick Labs see 2-minute meals. illus AF Times 38:12 Jan 1 '78

LAKE, Julian S.

Fighting fire with fire control--the future of integrated, multi-sensor fire control systems. RADM Julian S. Lake. Def & For Aff Dig 6, No.7: 10-12+ '78

The U.S. as a technology importer. RADM Julian S. Lake. por Def & For Aff Dig 6, No.10:41-42 '78

LAND BRIDGE see Railroads

LAND WARFARE

An analytical approach to terrain analysis and allocation of combat power. Maj Lon E. Maggart. illus Mil Rev 58:34-45 Apr '78

Be seen--hit--killed. Capt Arthur B. Alphin. illus Armor 87:55-56 Jul-Aug '78

Continuous land combat operations: Are we only half effective? John J. Emanski and John C. Scharfen. RUSI J for Def Studies 123:26-31 Jun '78

The indirect approach. Maj Robert F. Helms II. illus Mil Rev 58:2-9 Sep '78

Land warfare developments. Charles H. McKinley. illus Natl Def 62:528-531+ May-Jun '78

The need for offensive ground combat operations. Maj John P. Rose. illus Air Def Mag, pp 18-20, Apr-Jun '78

An open book (terrain). Col John C. Gazlay, Ret. illus Mil Rev 58:47-49 Oct '78

Rear area security with an "elastic FEBA." LtCol Moorad Mooradian. illus Mil Rev 58:43-49 Sep '78

Urbanized terrain: Perspective and patterns. LtCol John W. Burbery, Jr, Ret. illus maps Mil Rev 58:3-10 Mar '78

LANDING GEAR see Airplanes, Military--Landing Gear

LANDING OPERATIONS see Amphibious Operations

LANDS, PUBLIC see Property, Government

LANE, Howard M.

New USAF Inspector General (LtGen Howard M. Lane). TIG Brief 30:22 Oct 6 '78

LANGUAGE AND LANGUAGES

See also
Russian Language and Literature

Study and Teaching

Language interoperability--a key for increased effectiveness in NATO. Gen George S. Blanchard. illus Mil Rev 58:58-63 Oct '78

Language training of officers scored. AF Times 39:7 Aug 14 '78

LaROCQUE, Gene R.

Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRocque. Def Monitor 7: entire issue Jul '78

United Nations Special Session on Disarmament. (Interview with Paul Newman, U.S. delegate, and RADM Gene R. LaRoque, Ret) por Def Monitor 7:1-5 Aug '78

LASERS

Acousto-optics probed for ICBM defense. James Fawcette. illus Elect Warfare/Def Elect 10:49+ Apr '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

LASERS - Continued

(Ground Laser Locator Designator--GLLD pinpoints targets) Signal 33:78 Sep '78

A guiding light (GLLD, Ground Laser Locator Designator). TSgt Janet Wright. illus Air Reservist 29:6-7 Mar '78

Hughes developing new laser system (Modular Universal Laser Equipment, MULE). illus MarCor Gaz 62:4 Sep '78

Laser isotope enrichment: A new dimension to the nth country problem? Robert L. Bledsoe. tabs AU Rev 29:34-50 Mar-Apr '78

Laser powered large screen projector. J. Philip Geddes. illus Intl Def Rev 11, No.1:46-47 '78

Laser tracking concept under development. illus Elect Warfare/Def Elect 10:31+ Apr '78

A magic beam. LtCol E. Belov. illus Soviet Mil Rev No.10:24-25 Oct '78

Precision guided munitions. John Marriott. illus NATO's Fifteen Nations 22:114-118+ Oct-Nov '77

(Prototype laser communications system) Signal 33: 98 Nov-Dec '78

SAMSO plans KC-135 lasercom evaluation. illus Elect Warfare/Def Elect 10:38 Apr '78

Space laser communications airborne. illus Elect Warfare/Def Elect 10:49+ Oct '78

Strapdown inertials open new markets. Barry Miller. illus Elect Warfare/Def Elect 10:71-72+ Mar '78

Strategic and arms control implications of laser weapons: A preliminary assessment. Barry J. Smernoff. illus tabs AU Rev 29:38-50 Jan-Feb '78

Thermal imaging sensor advances pushed. Barry Miller. illus Elect Warfare/Def Elect 10:41-43+ Apr '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

Using laser technology on the modern battlefield. Maj R. Edwards and L. Weeks. illus MarCor Gaz 62:35-40 Mar '78

Safety Measures

Laser mishap potential. TIG Brief 30:5 Jan 6 '78

Laser systems & hazards. Maj Jack A. Labo. illus TAC Attack 18:24-25 May '78

LATIN AMERICAPolitics and Government

The Cuban theory of revolutionary war: The faith, the fallacies, and the heresy. Kenneth O. Fox. RUSI J for Def Studies 122:35-40 Dec '77

From dependency to determinism: The new structure of Latin American militarism. Irving Louis Horowitz. tabs J Pol & Mil Sociol 5:217-238 Fall '77

LAUNCH VEHICLES see BoostersLAW see

International Law
Maritime Law
Military Law

LAWRENCE, Richard D.

Tank force management. BrigGen Richard D. Lawrence. Armor 87:47-50 Jul-Aug '78

LAWS AND LEGISLATION

Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78

Congress passes measures affecting large segments of American veterans. Officer 54:21 Dec '78

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No.1:71-86 '78

General (Vernon B.) Lewis sums up the issues (on restrictive retirement laws). Armed Forces J Intl 116:18+ Oct '78

Guard is reminded of ban on lobbying. AF Times 38:10 Apr 10 '78

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. tab illus Govt Exec 10: 17-19 Oct '78

Midsummer legislative review: An NGAUS survey of "where we stand" in the progress of 1978 legislation important to the Guard. Col Merle F. Allen, comp. Table only. Natl Guardsman 32:30-31 Aug '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

Public law 95-507: Will it create another monster? (A critique of small business contracting) Jean Skorupski. Govt Exec 10:53-54 Dec '78

Publication of employee and contractor writings. TIG Brief 30:17 Mar 3 '78

Send them a message! How I lobby my legislature. Claudia Nichols. illus AF Times, Times Magazine sup:4-7 Nov 27 '78

6,6 percent disability boost topped '77 vet benefits. Larry Carney. AF Times 38:36 Jan 9 '78

Summary of SBP legislation for retired military personnel. Col A.H. Humphreys. Officer 54:20-21 Dec '78

Tennessee Child Passenger Protection Act. TIG Brief 30:5 Mar 31 '78

The week in Congress. Regular feature in some issues of Air Force Times

LAWSON, Richard L.

The edge in the strategic balance. LtGen Richard L. Lawson. por Combat Crew 28:2-3+ Aug '78

LAWYERS

CMA is 'a civilian court.' (Interview with Deanne C. Siemer) Tom Philpott. illus AF Times 38:26 May 29 '78

The challenge of directing a professional staff: Leadership and management insights for the staff judge advocate. Maj Daniel J. Gallington. tabs AF Law Rev 20, No.1:1-21 '78

LEADERSHIP

See also
Command

LEADERSHIP - Continued

Are professionalism and integrity only a myth? LtCol Raymond F. Hamel. illus AU Rev 29:60-67 May-Jun '78

The challenge of directing a professional staff: Leadership and management insights for the staff judge advocate. Maj Daniel J. Gallington. tabs AF Law Rev 20, No. 1:1-21 '78

A challenge to professionalism: Leadership selection. Roger A. Beaumont. illus Mil Rev 58:77-87 Mar '78

The changing nature of modern naval leadership. LT John G. Morgan, Jr. illus US Nav Inst Proc 104: 76-79 Aug '78

Check your power. LtCol Frank R. Hunsicker, Ret. Royal Air Forces Qtr 17:395-400 Winter '77

Command and staff in industry and in the military. (Address, Air Command and Staff College, Maxwell AFB, Ala, Nov 1, 1977) MajGen Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs: Sup No. 1:7-18 Jan '78

Commanders: Their care and feeding. (Remarks, Judge Advocate General School, Maxwell AFB, Ala, March 20, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 10:22-27 Oct '78

An experiment in creative leadership. CAPT Malvern E. Soper, Ret. illus US Nav Inst Proc 104:52-58 Apr '78

Follow the leader. (AF's new Chief Master Sergeant) SMSgt Harold Newcomb. illus Airman 22:8-12 Jan '78

Fortuna et virtus. 1stLt Harries-Clichy Peterson, Jr. illus US Nav Inst Proc 104:78-81 Sep '78

Giving support to leadership. Capt J. J. McDermott. MarCor Gaz 62:12-13 Oct '78

"Hitting the ground running." (Remarks, ROTC Cadet Corps Dining-Out, Alabama State University, Montgomery, April 22, 1978) Col T. C. Hall. AF Plcy Ltr for Comdrs: Sup No. 7:24-30 Jul '78

Horizontal leadership. Ch(LtCol) Harold L. Alexander. illus Army 28:45-46 May '78

In pursuit of an ideal. LT Rocklun A. Deal. illus US Nav Inst Proc 104:76-78 Feb '78

Initiative in combat: Six hours at Balta. Capt David A. Fastabend. illus maps Mil Rev 58:13-21 Nov '78

Integrity at the Air Force Academy: The key ingredient. TIG Brief 30:11-12 Oct 20 '78

Integrity: Both possible and practical! TIG Brief 30: 3-4 Aug 25 '78

Integrity: Using it today and building it for tomorrow. Gen John W. Roberts. TIG Brief 30:1 Aug 25 '78

A kick in the butt isn't the answer. Maj J. N. Jolley, Jr. MarCor Gaz 62:49-52 Oct '78

Leadership. Capt T. S. Hienemann and others. Infantry 68:23-29 Sep-Oct '78

Leadership. BrigGen Jack A. Rogers, Ret. illus Air Def Mag, pp 7-9, Jul-Sep '78

Leadership and nuclear power. (Prize Essay, 1978) LT Ralph E. Chatham. illus US Nav Inst Proc 104: 78-82 Jul '78

LEADERSHIP - Continued

Leadership, followership, and unit spirit: Reflections on a year in Vietnam. Capt Donald M. Bishop. illus AF Mag 60:52-56 Dec '77; Commentary. LtCol Robert W. Hunter. AF Mag 61:24-25 Feb '78; Commentary. Capt Richard M. Williams. AF Mag 61:25 Feb '78

Leadership: We want it! We need it! We fear it! Edward J. Bloustein. Fld Arty J 46:45-47 Jan-Feb '78

Leading to confidence. 1stSgt Walter D. Stock. illus Infantry 68:20-26 May-Jun '78

Magnetism: Power to prevent accidents. illus USA Avn Dig 24:8-11 Feb '78

The military man as leader and manager. Royal Air Forces Qtr 18:69-74 Spring '78

Motivation. Maj Alan G. Vitters. illus Infantry 68: 14-15 Mar-Apr '78

NCO Academy graduation. (Remarks, Military Airlift Command NCO Academy-East, McGuire AFB, NJ, March 28, 1978) MajGen H. A. Morris. AF Plcy Ltr for Comdrs: Sup No. 7:20-23 Jul '78

Nonsense, common sense, and the professional NCO. SMSgt George H. Day. illus tabs AU Rev 29:66-72 Jul-Aug '78

The officer as a model of ethical conduct. Ch(Capt) Donald R. Turkelson. illus Mil Rev 58:56-65 Jul '78

The profession of arms and national security. Gen George V. Underwood, Jr, Ret. illus Air Def Mag, pp 16-21, Oct-Dec '78

Professionalism. LtCol Charles L. Pocock, Jr. illus Aerosp Safety 34:10-11 Dec '78

Quality of life in the Air Force family. Gen R. H. Ellis. TIG Brief 30:1-2 Dec 1 '78

Retiring (Army) Vice Chief says keep soldier in mind. Gen Walter T. Kerwin, Jr. illus Officer 54:6 Aug '78

Sergeants' business. (Condensation of address, Army Sergeants Major Academy, Fort Bliss, Tex, Nov 3, 1977) Gen Donn A. Starry. illus Mil Rev 58:2-9 May '78

So how's your morale today? Bruce Callander. AF Times 39:14+ Oct 16 '78

Soviet leadership dilemma. tab Natl Def 62:310-311 Jan-Feb '78

Sponsorship. (A helping hand is sometimes a question of career survival) Maj F. Douglas Mehle. illus Army 28:41-44 Mar '78

Study and Teaching

Battle staff: Fine tuning. TIG Brief 30:12 Jul 7 '78

Crisis in leadership training. LTJG David L. Evans. illus US Nav Inst Proc 104:76-79 Jan '78

Horizontal leadership. Ch(LtCol) Harold L. Alexander. illus Army 28:45-46 May '78

LEADERSHIP AND MANAGEMENT DEVELOPMENT CENTER

Enhancing mission/performance effectiveness. TIG Brief 30:18 Apr 14 '78

LMDC teams enhance mission effectiveness. TIG Brief 30:18 Sep 22 '78

LEAF, Howard W.

Air Force Test and Evaluation Center. por AF Mag 61:101-102 May '78

Improving Air Force independent operational testing. MajGen Howard W. Leaf. por Def Sys Mgt Rev 1: 19-27 Winter '77

LEARNING CENTERS see Instructional Materials Centers

LEAVE, MILITARY

Carry \$\$ on leave. AF Times 38:20 Apr 24 '78

Civilian leave management. TIG Brief 30:21 Apr 14 '78

Denial of leave complaints analyzed. TIG Brief 30:20 Apr 14 '78

Emergency leave funding. TIG Brief 30:6 Sep 22 '78

Military leave accounting. TIG Brief 30:18 Aug 25 '78

Steps taken to tighten leave. Tom Philpott. AF Times 39:3 Oct 16 '78

You win some, you lose some--leave changes. AF Times 39:7 Jul 31 '78

LEBANON

Lebanon: A search for peace. Leigh Johnson. illus Def & For Aff Dig 6, No. 12:36-37 '78

LEGAL AID

See also
Lawyers

LEGISLATION see Laws and Legislation

LENIN, Vladimir I.

Birth of a revolutionary party. (2d Congress of the Russian Social-Democratic Labour Party, July-Aug 1903) Col A. Zvenzlovsky. Soviet Mil Rev No. 6:38-40 Jun '78

The categories of materialist dialectics and military science. Col V. Login. Soviet Mil Rev pt 1, No. 6: 17-19 Jun '78; pt 2, No. 7:36-38 Jul '78

Lenin was beside us. Semyon Ivanovich Aralov. Soviet Mil Rev No. 1:14-17 Jan '78

Marxist-Leninist doctrine on war and the Army. ColGen G.V. Sredin. Soviet Mil Rev No. 1:18-21+ Jan '78

V.I. Lenin--leader in the defence of the Socialist Motherland. MajGen N. Pankratov. por Soviet Mil Rev No. 10:2-5 Oct '78

LESSONS LEARNED (MILITARY) see as subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)

LEWIS, Vernon B., Jr

General (Vernon B.) Lewis sums up the issues (on restrictive retirement laws). Armed Forces J Intl 116:18+ Oct '78

LIABILITY

Claims outstrip amounts paid--malpractice cases up. AF Times 38:4 Feb 13 '78

Malpractice suits still on increase in AF. AF Times 38:2 Jan 30 '78

Product liability. LtCol Robert B. Machen. illus Def Sys Mgt Rev 1:162-164 Winter '77

LIAISON

Consumer advocacy & Services. Maj Roy G. Kennington. illus AF Engrg & Svcs Qtr 19:27-28 Feb '78

Only the beginning. Steve Abbott. illus Soldiers 33: 27-31 Dec '78

LIBRARIESAir Force

Library overdue notices. TIG Brief 30:3 Jul 7 '78

Medical library. TIG Brief 30:18 Jul 21 '78

Medical library management tips. TIG Brief 30:13 Oct 20 '78

The readers' resort. SMSgt Harold Newcomb. illus Airman 22:34-37 Aug '78

Armed Forces

A (Soviet) unit library. illus Soviet Mil Rev No. 5: 52-53 May '78

Congress

Summary of (Library of Congress) military pay study. AF Times 38:14 Feb 6 '78

LIE DETECTORS

Polygraph examinations. TIG Brief 30:8 Oct 6 '78

LIFE AND DEATH

Administrative procedures for a death case. TIG Brief 30:14 Mar 31 '78

Military fatalities--are you prepared to handle them? TIG Brief 30:16 Oct 20 '78

Military rank at separation and mortality. Robert J. Keehn. tabs Armed Forces & Soc 4:283-292 Winter '78

LIFE CYCLE COSTING see Cost Effectiveness

LIFE INSURANCE see Insurance, Life

LIFE ON OTHER PLANETS see Extraterrestrial Life

LIGHT

The goggles that turn off the sun. (LADs, Light-Attenuation Devices) Paul R. Bleda and LtCol Thomas M. Johnson. illus Army 28:36-39 Mar '78

LIGHT AIRBORNE MULTI-PURPOSE SYSTEM see Helicopter Type--SH-2; SH-60

LIGHTINGSee also

Airplanes, Military--Lighting
Airports--Landing Aids

LIGHTNING

- Helicopter lightning strikes. CW4 Phillip D. Pettit. illus USA Avn Dig 24:10-13 Oct '78
- Lightning and aircraft. J.A. Plumer. (Reprinted from Aerospace Safety, June 1977) tabs illus Aerosp Safety 34:6-8+ May '78
- Summer thunderstorm, pilot enemy Number 1. illus map USA Avn Dig 24:42-45 May '78
- Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78
- Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78
- When lightning strikes. Capt Ray B. Toland. illus Soldiers 33:38-39 Aug '78
- When lightning strikes an aircraft. TIG Brief 30:9 May 26 '78

LIPPINCOTT, Henry F., Jr

- Graphic rating scales for speaking and writing. LtCol Henry F. Lippincott, Jr and others. por Educ J 20:27-34 Spring '78

LISTENING

- The art of listening. illus Combat Crew 28:6-7 Sep '78
- Hearing or listening? TIG Brief 30:21 Dec 1 '78

LIVSEY, William J., Jr

- Mechanized Infantry and antitank weapons. MajGen William J. Livsey, Jr. Armor 87:38-41 Jul-Aug '78

LOADING AND UNLOADINGSee also

- Airplanes, Military--Loading and Unloading
- Ships--Loading and Unloading

LOANS, HOME

- CUs may grant home loans. Bruce Covill. AF Times 38:34 Jan 23 '78
- GI home loans face overhaul. AF Times 39:21 Aug 28 '78
- Home loan guarantee now up to \$25,000. AF Times 39:25 Oct 30 '78
- More may get GI loan aid. Larry Carney. AF Times 38:23 Apr 24 '78
- No place like home. Janet Hake. illus Soldiers 33:28-32 May '78
- VA's 'mortgage' limits hurting home buyers. AF Times 38:8 Apr 10 '78

LOANS, PERSONAL

- HEW may search Services to locate student-loan cheats. Andy Plattner. AF Times 38:1+ Jun 19 '78
- More long-term aid is Aid Society's goal. Randy Moore. AF Times 39:6 Oct 23 '78

LOCKE, Walter M.

- (Joint Navy/Air Force Cruise Missiles Project) Interview. RADM Walter M. Locke. por Mil Elect/Countermeasures 4:18+ Sep '78

LOGISTICSSee also

- Integrated Logistic Support
- Transportation, Military
- also subdivision under specific wars, e.g., Vietnamese Conflict, 1957-1975--Logistics
- The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum
- An application of logistic support models. Henry C. Okraski. illus Log Spectrum 12:25-29 Summer '78
- Career patterns in physical distribution: Implements for PDM (Physical Distribution Management) education. John I. Reynolds and Warren Rose. illus tabs Log Spectrum 12:37-42 Fall '78
- The Certified Professional Logistician in SOLE. Benjamin S. Blanchard. illus tabs Log Spectrum 12:11-15 Fall '78
- An integrated life-cycle approach to logistics. (Extracts from paper, International Material Flow Congress, Berlin, Germany, 27-29 Sep 1977) Benjamin S. Blanchard. illus Log Spectrum 12:51-56 Spring '78
- The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. illus tab Log Spectrum 12:16-22 Spring '78
- Logistics air mobility. Col M. Belov. Soviet Mil Rev No. 11:22-23 Nov '78
- Logistics around the world. Regular feature in issues of Logistics Spectrum beginning with vol 12, no. 2, Summer 1978
- Logistics, communications, and readiness. Gen Bryce Poe II. (Reprinted from Command, Control and Communications Newsletter, Oct 15, 1978) AF Plcy Ltr for Comdrs: Sup No. 11:20-22 Nov '78
- Logistics lessons from a packing house. Harold L. Rubenstein. Log Spectrum 12:38-41 Spring '78
- Making DTLSC (Design-To-Logistic-Support Cost) work: Two essential elements. L.F. Eliel. illus tabs Log Spectrum 11:24-30 Winter '77
- NATO principles of logistics and U.S. readiness: A changing environment. LtGen Joseph M. Heiser, Jr, Ret. illus map Def Mgt J 14:18-23 Mar '78
- Strategic logistics--the missing link. Col Edward P. Lukert, Jr. illus chart Log Spectrum 12:5-11 Summer '78

Study and Teaching

- Some thoughts on the changing nature of logistics education. Bernard J. La Londe. illus Log Spectrum 11:21-23 Winter '77

Terminology

- The communications barrier of nonstandardized logistics terminology. Col Fred Gluck, Ret. illus tab Def Mgt J 14:18-20 Jul '78
- New logistics condition status reporting: Update. TIG Brief 30:9-10 Feb 17 '78

Air Force

- AFALD (Air Force Acquisition Logistics Division) lessons learned. TIG Brief 30:9 Aug 4 '78

LOGISTICS - ContinuedAir Force - Cont'd

- The Advanced Logistics System: An idea whose time had not quite arrived. CAPT Stephen R. Ruth. illus Def Mgt J 14:35-39 Mar '78
- Air Force Logistics Management Center. TIG Brief 30:12-13 Jan 6 '78
- Communications-electronics: Logistics Support Plans (LSPs). TIG Brief 30:8 Aug 4 '78
- Deputy Commander for Resource Management (DCRM) checklist. TIG Brief 30:20-21 Oct 20 '78
- Joint inspection: Good technique for high payoff. TIG Brief 30:18 Jul 7 '78
- Kelly's (AFB, Tex) logistics 'nomads': From herbicide orange to Thai air bases. AF Times 38:39 Jan 23 '78
- Logistics for readiness. (Remarks, Mobile Chapter, Air Force Assoc, Mobile, Ala, May 18, 1978) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 8: 34-40 Aug '78
- Operation Listening Post. TIG Brief 30:17 Jul 7 '78
- Proper classification of modification proposals. TIG Brief 30:12 Jul 21 '78
- Reporting MDRs (Material Deficiency Reports). TIG Brief 30:15 Dec 15 '78

Armed Forces

- Logistics of the Soviet Armed Forces. Gen S.K. Kurkotkin. illus Soviet Mil Rev No. 8:2-6 Aug '78
- Software management on Joint Service programs: A major management challenge. TIG Brief 30:21 Aug 25 '78
- Tapping the logistics reservoir. Glenn S. Finley III. illus Army Log 10:34-37 Mar-Apr '78

Study and Teaching

- A logistics school for all of defense. (AFIT's School of Systems and Logistics) Jerome G. Peppers, Jr. illus tab Def Mgt J 14:11-15 May '78

Army

- Airborne logistics: TSARCOM (Troop Support and Aviation Materiel Readiness COMmand) style. Maj John J. Cusick. illus Army Log 10:2-5 Sep-Oct '78
- Arm, fuel, and maintain forward--logistics impact of the Division Restructuring Study. Maj Daniel M. Smith. illus Army Log 10:2-7 Mar-Apr '78
- The Army fleet--vital amphibious link. John F. Sargent. illus Natl Def 63:58-60 Jul-Aug '78
- Battalion logistics control. Col I. Kushch. map Soviet Mil Rev No. 12:22-24 Dec '78
- Beans and bullets. LtCol Richard P. Diehl. illus tab Armor 87:65-68 Jul-Aug '78
- The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78
- Commander's role in controlling logistics. ColGen I. Golushko. Soviet Mil Rev No. 9:12-14 Sep '78

LOGISTICS - ContinuedArmy - Cont'd

- Corps materiel management center. LtCol Jerry W. Betts. illus Army Log 10:30-33 Jul-Aug '78
- DARCOM--the picture today. illus Army Log 10: 18-23 Jul-Aug '78
- DISCOM (Division Support COMmands) in a "come as you are" war. LtCol Moorad Mooradian. illus Mil Rev 58:41-53 Jun '78
- Formula for a FARRP (Forward Area Refueling and Rearming Point). Capt Gordon E. Sayre, Jr. illus tabs USA Avn Dig 24:1-6 Apr '78
- Forward support. Col Robert W. Fisher and A. David Mills. illus tabs Armor 87:20-24 Mar-Apr '78
- Logistics doctrine. Capt Edward M.A. Fergusson. illus Infantry 68:24-29 Mar-Apr '78
- Logistics in the Far North. William J. Haslem. illus Army Log 10:24-26 Mar-Apr '78
- Logistics intelligence file (Army Materiel Development and Readiness Command's Logistic Control Activity, Presidio of San Francisco). Maj James M. Link. illus Army Log 10:16-19 Nov-Dec '78
- Modernizing bulk petroleum fuels distribution. illus Army Log 10:2-6 Nov-Dec '78
- New tools for logistics planners. Joseph G. Stenger. Army Log 10:16-17 Jul-Aug '78
- Outline for support. Capt Edward M.A. Fergusson. illus Army Log 10:6-10 May-Jun '78
- A perspective of DESCOM (DEpot System COMmand). MajGen Robert L. Bergquist. illus tab Army Log 10:18-21 May-Jun '78
- SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78
- Updating USAREUR logistics support. illus Army Log 10:6-9 Jan-Feb '78
- War reserves--stockpiles for defense. Steven Roman. illus tab Army Log 10:26-29 Jan-Feb '78

History

- Supplying an Army: An historical view. Martin van Creveld. RUSI J for Def Studies 123:56-63 Jun '78

Marine Corps

- A case of theory versus reality in combat service support. Maj Edward L. House, Jr. MarCor Gaz 62:15 Jan '78
- Combat support: Shore party and logistics. LtCol J.O. Marsh and 1stLt M. McCormick. illus MarCor Gaz 62:50-51 Jul '78
- Developing a better combat service support system for the Marine Corps. Col Paul E. Wilson, Ret. illus MarCor Gaz 62:39-46 Jan '78

Navy

- How do you get there from here? (Testimony, House Merchant Marine and Fisheries Committee, Sep 20, 1978) ADM Isaac C. Kidd. illus Sea Power 21:19-22 Oct '78

LOGISTICS - ContinuedNavy - Cont'd

Implementation of integrated logistics support. (Address, 12th Annual International Logistics Symposium of SOLE, San Diego, Calif, Aug 17, 1977) VADM Vincent A. Lascara. Log Spectrum 11:6-8 Winter '77

Strengthening the weakest link. Leo P. Cuccias. Illus map Sea Power 21:21-25 Apr '78

Reserve Forces--Army

Improving USAR logistics support. Col Charles J. V. Fries III. Illus Army Log 10:32-35 Jan-Feb '78

LONG, Robert L.

Navy C2--an evolution. ADM Robert Long. por Signal 32:22-25 Aug '78

LOTZ, Walter E., Jr

Test and evaluation in the Department of Defense. LtGen Walter E. Lotz, Ret. por Def Sys Mgt Rev 1:1-6 Winter '77

LOVING, George G., Jr

U.S. command and control communications in Japan, now and tomorrow. LtGen George G. Loving, Jr. por Signal 32:12-14+ Feb '78

LOW-ALTITUDE FLYING see Flight, Low-AltitudeLOYALTY

Loyalty and you. TIG Brief 30:3 Sep 22 '78

LUBRICATION AND LUBRICANTS

JOAP (Joint Oil Analysis Program) results must be timely. TIG Brief 30:19 Dec 1 '78

Joint Oil Analysis Program (JOAP). TIG Brief 30:17 Oct 6 '78

New Technical Order (33-1-37) on Joint Oil Analysis Program Laboratory Manual. TIG Brief 30:9 Jul 21 '78

Oil analysis--preventive maintenance at its best. 1stLt Bruce S. Jasurda. Illus Army Log 10:30-31 Jan-Feb '78

SOAP (Spectrometric Oil Analysis Program) for your bearings. Maj Lionel P. Johnson. Illus Interceptor 20:12-15 Oct '78

LYNCH, Thomas P.

(Training up for the Central Battle) (Opening remarks, 1978 Armor Conference) MajGen Thomas P. Lynch. Armor 87:30-32 Jul-Aug '78

LYON, Richard

(Rear) Admiral (Richard) Lyon now deputy chief of Naval Reserve. por Officer 54:14 Jul '78

LYON, William

Air Force Reserve. por AF Mag 61:108-109 May '78

Air Force Reserve wins Daedalian Trophy. MajGen William Lyon. TIG Brief 30:2 Aug 4 '78

MAC see Military Airlift Command

MHD see Magnetohydrodynamics

MILPERCEN see Army Military Personnel Center

MILSTRIP see Military Standard Requisitioning and Issue Procedures

MLS see Microwave Landing Systems

MSC see Military Sealift Command

MTMC see Military Traffic Management Command

MacARTHUR, Douglas

The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. US Nav Inst Proc 104:55-61 Sep '78

McCLELLAND, Joseph J.

Mission conversions for the missile hydrofoil. VADM Joseph J. McClelland, Ret. por US Nav Inst Proc 104:115-119 Jun '78

McGINNIS, Charles I.

Dredging the nation's waterways: A big job for industry and the Army Corps of Engineers. MajGen Charles I. McGinnis. Mil Engr 70:402-404 Nov-Dec '78

MacGREGOR, Charles H.

Air Force objectives in space. LtCol Charles H. MacGregor and Maj Lee H. Livingston. AU Rev 29:59-62 Jul-Aug '78

MACHINE GUNS

New small arms. John Marriott. illus tabs NATO's Fifteen Nations 22:124-125+ Dec '77-Jan '78

The Squad Automatic Weapon--a new element in the NATO Infantry arms debate. Edward C. Ezell. illus tabs Intl Def Rev 11, No. 1:81-85 '78

History

From worker to arms designer (V.A. Degtyaryov). LtCol N. Yelshin. illus tab Soviet Mil Rev No. 3: 25-27 Mar '78

MACHOVEC, Frank M.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala). Capt Frank Machovec. por AF Compt 12:38-40 Apr '78

McKEE, George H.

(Lt)General (George H.) McKee (Ret) to head Soldiers' Home. AF Times 39:41 Nov 6 '78

McLUCAS, John L.

The case for a modern strategic bomber. John L. McLucas. AEI Def Rev 2, No. 1:13-24 '78

McPHERSON, John B.

An inquiry into the subject of war. (Lecture, Dept of Air Tactics and Strategy, Air School, Maxwell Field, Ala, 1933) Maj Harold Lee George. Reviewed by LtGen John B. McPherson, Ret. por Aerosp Hist 25:206-209 Dec '78

MADAGASCAR

History

The occupation of Madagascar, 1942. Christopher Shores and others. illus tabs maps Air Pict pt 1, 40:22-27 Jan '78; pt 2, 40:60-63 Feb '78; pt 3, 40:110-112 Mar '78

MAGEE, John G., Jr

The pilot poet. (John Gillespie Magee, Jr, author of "High Flight") MSgt Dick Larsen. por Airman 22: 34-37 Jan '78

MAGNESIUM see Metals

MAGNETIC TAPE see Sound Recording and Reproducing

MAGNETOHYDRODYNAMICS

Special delivery for Moscow. (C-5's world-record airlift of a superconducting magnet) Capt John M. Zinkievich. illus MAC Flyer pt 1, 25:9-12 Jan '78; pt 2, 25:4-7 Feb '78

MAGNETRONS see Electron Tubes

MAGNETS AND MAGNETISM

Special delivery for Moscow. (C-5's world-record airlift of a superconducting magnet) Capt John M. Zinkievich. illus MAC Flyer pt 1, 25:9-12 Jan '78; pt 2, 25:4-7 Feb '78

MAHAN, Alfred T.

The Naval Institute, Mahan, and the naval profession. Lawrence C. Allin. Nav War Col Rev 31:29-48 Summer '78

The negative influence of Mahan on anti-submarine warfare. Capt R.A. Bowling, Ret. RUSI J for Def Studies 122:52-59 Dec '77

MAINTENANCE AND REPAIR

See also

Aircraft Maintenance

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Accurate Time Compliance Technical Order (TCTO) reporting. TIG Brief 30:10 Mar 3 '78

Built-up roof management program. Michael R. Toriello. illus AF Engr & Svcs Qtr 19:6-7+ Nov '78

The convincing value of IR techniques. Bob Bates and Lewis E. Link. illus tab AF Engr & Svcs Qtr 19: 10-13+ Nov '78

Front end analysis: The key to good Integrated Technical Documentation and Training (ITDT). David C. Jones. illus Log Spectrum 12:31-34 Fall '78

Government property lost, damaged, or destroyed. TIG Brief 30:19 Apr 28 '78

How DOD can stretch the maintenance and logistic dollar with PRAM (Pragmatic, Reliability, Availability and Maintainability). Floyd H. Trogdon. illus Comdrs Dig 21: entire issue Jan 12 '78

How to live with reliability engineers. George Feineman. illus tab Log Spectrum 12:34-37 Spring '78

Irregularities in contract repair of office equipment and household appliances. TIG Brief 30:14 Feb 3 '78

MAINTENANCE AND REPAIR - Continued

Outline for support. Capt Edward M.A. Fergusson.
illus Army Log 10:6-10 May-Jun '78

Reliability and maintainability in the acquisition process: DOD Directive 5000.x. Col Ben H. Swett.
illus Def Sys Mgt Rev 1:126-148 Winter '77

SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78

A supply support checklist for Deputy Commanders for Maintenance (DCMs). TIG Brief 30:9-10
Feb 3 '78

Costs

Mishap repair costs. TIG Brief 30:5 Nov 3 '78

Study and Teaching

Maintenance management education (at AFIT's School of Systems and Logistics). Maj Jerome G. Peppers, Jr, Ret. illus USA Avn Dig 24:30-32 Apr '78

MAINTENANCE MANAGEMENT see Maintenance and Repair

MAN-POWERED FLIGHT

Gossamer Condor. (Design profile, no. 40) Maurice Allward. illus tab Air Pict 40:47-50 Feb '78

MANAGEMENTSee also

Configuration Management
Personnel Administration

Career patterns in physical distribution: Implements for PDM (Physical Distribution Management) education. John I. Reynolds and Warren Rose. illus tabs Log Spectrum 12:37-42 Fall '78

Command and staff in industry and in the military. (Address, Air Command and Staff College, Maxwell AFB, Ala, Nov 1, 1977) MajGen Richard A. Yudkin, Ret. AF Pley Ltr for Comdrs: Sup No. 1:7-18 Jan '78

GSA--an update. Govt Exec 10:29+ Nov '78

Government's growing isolation from business. John E. Clarke. illus Govt Exec 10:49-50 Jul '78

MBO. M. Scott Downing. tabs Govt Exec pt 1, The virtues & vices. 10:39-42 Apr '78; pt 2, Working the triangle. 10:42-47 May '78

MVMA (Motor Vehicle Manufacturers Association): Far more than lobbying. V.J. Adduci. illus Govt Exec 10:42+ Nov '78

Management by objectives. Maj Thomas J. Kemp. illus AF Compt 12:18-19 Apr '78

Management by objectives in a Navy R&D laboratory: A case study. P.L. Martin and others. illus Def Mgt J 14:44-51 Jan '78

Management by objectives--its application by department heads to supervisory personnel. Royal P. Allaire. illus tabs Armed Forces Compt 23: 8-11+ Feb '78

Officer management rivals industry's. (Rand study) AF Times 39:4 Dec 4 '78

The pinger. Capt James P. Coe. illus MAC Flyer 25:6-8 Jan '78

MANAGEMENT - Continued

Small/minority business contracting: Why government's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

Task--a management chokepoint. Maj Thomas J. Stublebine. illus Armed Forces Compt 23:23-25 Nov '78

Study and Teaching

Civilian education: A personal view/a need for a personal roadmap. Herbert C. Bohannon, Jr. illus AF Engrg & Svcs Qtr 19:25-28 Aug '78

Veritas revisit: A look at the Harvard Business School's Advanced Management Program. MajGen Robert L. Edge, Ret. illus Signal 32:21-24 Jul '78

MANAGEMENT, MILITARYSee also

Configuration Management
Resource Management
Single Manager System
Supervision
Supply Management
Weapon Systems Management

ARMIS (Armor Management Information System). Capt Donald M. Skipper. illus Armor 87:23-25 Sep-Oct '78

Administrative procedures for a death case. TIG Brief 30:14 Mar 31 '78

The age of management impacts adversely on the military profession. John B. Keeley. illus MarCor Gaz 62:28-33 Jun '78

The Air Force civilian supervisor. TIG Brief 30:18 May 12 '78

Assuring quality. Maj James L. Rice. illus Army Log 10:12-13 Jan-Feb '78

Base level unit management programs. LtCol Harvey R. Elliott. illus AF Compt 12:46-47 Jul '78

Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78

Converting a tactical fighter wing or flying in ever-diminishing concentric circles. LtCol Joseph Roderio. illus TAC Attack 18:24-26 Oct '78

Doing more with less. TIG Brief 30:19 Sep 22 '78

Forms control. TIG Brief 30:19-20 Jan 20 '78

How good are maintenance data? John F. Stanhagen, Jr. tab Log Spectrum 12:57-60 Spring '78

How to slow down the train. LtCol Michael T. Plummer. illus Mil Rev 58:17-24 Jan '78

Integrity: Using it today and building it for tomorrow. Gen John W. Roberts. TIG Brief 30:1 Aug 25 '78

Leadership. BrigGen Jack A. Rogers, Ret. illus Air Def Mag, pp 7-9, Jul-Sep '78

Management by objectives. Maj Thomas J. Kemp. illus AF Compt 12:18-19 Apr '78

Management by objectives: From theory to application. LtCol Norman L. Merritt. illus AF Compt 12:16-17 Jul '78

MANAGEMENT, MILITARY - Continued

- The management of time. CDR Stephen B. Sloane. illus US Nav Inst Proc 104:33-40 Aug '78
- Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78
- The military man as leader and manager. Royal Air Forces Qtr 18:69-74 Spring '78
- Naval aviation manpower development: Contractor vs Navy. H.P. Aue. illus Log Spectrum 11:31-37 Winter '77
- Needed: A USAF Support Command. LtCol Norman H. Runge. AU Rev 29:73-75 May-Jun '78
- Officer management rivals industry's. (Rand study) AF Times 39:4 Dec 4 '78
- Operational Squadron Commander's checklist. TIG Brief 30:19-21 Nov 17 '78
- Operations research and the air base. Maj Charles E. Ebeling. illus AU Rev 29:43-48 Jul-Aug '78
- Outline for support. Capt Edward M.A. Fergusson. illus Army Log 10:6-10 May-Jun '78
- Overcoming 'company grade mentality.' LtCol Jerry W. Betts. illus Army Log 10:30-32 Mar-Apr '78
- Proper count: Taking stock of the system. MSGT Bruce N. Bant. illus Soldiers 33:39-41 Sep '78
- The role of DOD's Reserve Forces Policy Board. John Slezak. illus tab Def Mgt J 14:8-11 Sep '78
- Room at the top. (Chief master sergeants as the ranking managers of the enlisted force) Editorial. AF Times 39:15 Sep 25 '78
- Surrounding an (ORI) writeup. TIG Brief 30:3 Jul 21 '78
- Tank force management. BrigGen Richard D. Lawrence. Armor 87:47-50 Jul-Aug '78
- They're the team (management engineering teams) people love to hate. SSgt Earl Shellner. illus AF Times 38:42 Jul 24 '78
- The two-tier matrix organization in project management. William C. Wall, Jr. illus Def Sys Mgt Rev 1:37-46 Autumn '78
- Vehicle justification. TIG Brief 30:21 May 26 '78

Study and Teaching

- Developing financial managers for the future. (Navy's centralized financial management trainee program) Richard J. Young. illus Armed Forces Compt 23:30-31 Feb '78
- A logistics school for all of defense. (AFIT's School of Systems and Logistics) Jerome G. Peppers, Jr. illus tab Def Mgt J 14:11-15 May '78

MANAGEMENT ANALYSIS

- Base level management plan: A systematic approach to managing, analysis and problem solving. Maj Robert J. Courter, Jr. illus AF Engrg & Svcs Qtr 19:2-5+ May '78
- Directorate of Cost & Management Analysis. BrigGen M.R. Peterson. illus chart AF Compt 12:26-27 Oct '78

MANAGEMENT ANALYSIS - Continued

- Dissent: The neglected factor in decision-making. Col Edsel R. Field. illus AU Rev 29:51-57 Mar-Apr '78
- Enhancing mission/performance effectiveness. TIG Brief 30:18 Apr 14 '78
- Heteroscedasticity and those other mouthfulls, or assumptions of multiple linear regression analysis. Gary M. Cunningham. illus tab Armed Forces Compt 23:18-19 Aug '78
- Notes from the Director of Management Analysis. Col M.R. Peterson. illus AF Compt 12:30-31 Jan '78
- Notes from the Director of Management Analysis. BrigGen M.R. Peterson. illus AF Compt 12:28-29 Apr '78
- Notes from the Director of Management Analysis. BrigGen M.R. Peterson. illus AF Compt 12:28-29 Jul '78

MANAGEMENT IMPROVEMENT

- See also
- | | |
|--------------------|---------------------|
| Automation | Output Measurement |
| Cost Effectiveness | Resource Management |
| Efficiency | |
- ADP reorganization: Enough criticism for everybody. Govt Exec 10:50 Dec '78
- Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78
- Arm, fuel, and maintain forward--logistics impact of the Division Restructuring Study. Maj Daniel M. Smith. illus Army Log 10:2-7 Mar-Apr '78
- Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78
- Army work measurement--where do we go from here? Gerry Chaney. illus Armed Forces Compt 23:26-30 Aug '78
- Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78
- Assuring quality. Maj James L. Rice. illus Army Log 10:12-13 Jan-Feb '78
- The BIQ (Base Inspection Questionnaire): An inspector's tool. TIG Brief 30:9 Oct 6 '78
- Back to Pearl Harbor: In a manner of speaking. (Address, National Security Industrial Assoc, Spring 1978) VADM Levering Smith, Ret. illus Govt Exec 10:34+ Aug '78
- Base level management plan: A systematic approach to managing, analysis and problem solving. Maj Robert J. Courter, Jr. illus AF Engrg & Svcs Qtr 19:2-5+ May '78
- Base level unit management programs. LtCol Harvey R. Elliott. illus AF Compt 12:46-47 Jul '78
- The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78

MANAGEMENT IMPROVEMENT - Continued

- Bird control at the airport. illus TAC Attack 18:22-25 Sep '78
- Built-up roof management program. Michael R. Toriello. illus AF Engrg & Svcs Qtr 19:6-7+ Nov '78
- The challenge of directing a professional staff: Leadership and management insights for the staff judge advocate. Maj Daniel J. Gallington. tabs AF Law Rev 20, No. 1:1-21 '78
- Chief Enlisted Manager (CEM) codes Q&A. AF Times 39:24 Sep 18 '78
- The communications barrier of nonstandardized logistics terminology. Col Fred Gluck, Ret. illus tab Def Mgt J 14:18-20 Jul '78
- Computerization solves Tampa Purchasing Department's problems. Karen L. Forbes. illus Govt Exec 10:34 Jan '78
- Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78
- Comstore career plan starts for moving civilians up. Randy Moore. illus AF Times 39:10 Sep 18 '78
- Contractor financial data and analysis at your fingertips. Josephus O. Parr. illus tab Def Mgt J 14: 42-45 Jul '78
- Corps materiel management center. LtCol Jerry W. Betts. illus Army Log 10:30-33 Jul-Aug '78
- Crossfeed/self-inspection programs. TIG Brief 30:6 Aug 4 '78
- Dollar rewards from an innovative approach to management. Col Dorsey J. Talley. illus tabs Def Mgt J 14:52-55 Jan '78
- ESD's (Electronic Systems Division) business management program. Peter T. Macy. illus tab AF Compt 12:16-18 Oct '78
- FOD. Col Robert S. Beale. illus Aerosp Safety 34:1-3 Jun '78
- Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78
- Form switch aids SF (San Francisco) assessor. Alfred Bacci and Vic Udalloff. Govt Exec 10:56 Feb '78
- Futurism in resource management: The quest for productivity through organization effectiveness. Vincent J. Byrne. illus Armed Forces Compt 23:7-9 Nov '78
- GSA (General Services Administration): Carter's new urban policy tool. Govt Exec 10:16+ May '78
- Getting your ZBB ducks to stay in a row. M. Scott Downing. tabs Govt Exec 10:22+ Oct '78
- HUD: The frustration of shifting to meet degrees of need. Interview. Patricia Roberts Harris. Govt Exec 10:29+ Mar '78
- Harnessing the software revolution to meet Navy needs. James S. Campbell. illus tabs Def Mgt J 14:16-23 May '78
- Help for reducing refuse management costs. Capt Robert F. Ofenbittel. illus map AF Engrg & Svcs Qtr 19:30-32 Nov '78

MANAGEMENT IMPROVEMENT - Continued

- Helping the cities: Are the Feds taking the easy way? illus Govt Exec 10:18-19+ Nov '78
- How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78
- How to live with reliability engineers. George Feineman. illus tab Log Spectrum 12:34-37 Spring '78
- How to slow down the train. LtCol Michael T. Plummer. illus Mil Rev 58:17-24 Jan '78
- Increase your personal productivity. TIG Brief 30:20 May 12 '78
- Information engineering: Navy recruitment productivity raised through word processing. illus Govt Exec 10:41-42 Aug '78
- Inspecting for management results. TIG Brief 30:7 Jan 20 '78
- Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78
- Introspective look at Air Force Communications Service (AFCS). MajGen Bob Sadler. TIG Brief 30: 1-2 Dec 15 '78
- The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. illus tab Log Spectrum 12:16-22 Spring '78
- Logistics lessons from a packing house. Harold L. Rubenstein. Log Spectrum 12:38-41 Spring '78
- Los Angeles: The suburbs have found a city. John F. Judge. Govt Exec 10:14-17 Nov '78
- MBO. M. Scott Downing. tabs Govt Exec pt 1, The virtues & vices. 10:39-42 Apr '78; pt 2, Working the triangle. 10:42-47 May '78
- MRP (Materiel Requirements Planning): The inventory control challenge of the future. Robert G. Stein. illus tabs Log Spectrum 11:15-20 Winter '77
- Making DTLSC (Design-To-Logistic-Support Cost) work: Two essential elements. L.F. Elie. illus tabs Log Spectrum 11:24-30 Winter '77
- Management by objectives: From theory to application. LtCol Norman L. Merritt. illus AF Compt 12:16-17 Jul '78
- Managing construction management. Maj Daniel E. Paterson and Capt William C. Mason. illus AF Engrg & Svcs Qtr 19:26-29 May '78; Mil Engr 70: 241-243 Jul-Aug '78
- Medical library management tips. TIG Brief 30:13 Oct 20 '78
- The "mediocracy"--how one company (Sperry Rand Corp) is fighting to stop its growth. (Interview with Dick Seaberg) illus Govt Exec 10:42+ Sep '78
- 'More bang for the buck' shouldn't be just a slogan. Maj Edward L. House, Jr. illus MarCor Gaz 62: 46-50 Aug '78
- More effective cost-incentive contracts through risk reduction. Capt William F. Moore and John M. Cozzolino. tab illus Def Mgt J 14:12-17 Jul '78
- More zip for better budgets. M. Scott Downing. tabs Govt Exec 10:20-22+ Jan '78
- New maintenance manuals help to reduce life-cycle costs. Maj Troy V. Caver. tabs Def Mgt J 14:26-31 Sep '78

MANAGEMENT IMPROVEMENT - Continued

- OJT: New focus on learning skills. Len Famigiletti. AF Times 39:1+ Sep 4 '78
- On managing computer operations in the Department of Defense. Joseph P. Welsch. illus Def Mgt J 14: 24-27 Mar '78
- PMS (Program Measurement System) boosts productivity and employee morale. Ray C. Roberts, Jr and Richard J. Shakman. illus tabs Def Mgt J 14: 21-25 Jul '78
- Personnel slots in DC will be cut by 1500. M. L. Craver. AF Times 38:1+ Apr 24 '78
- A perspective of DESCOM (DEpot System COMmand). MajGen Robert L. Bergquist. illus tab Army Log 10:18-21 May-Jun '78
- Practical innovation can mean lower life-cycle costs. Lucille S. Schlosser. illus Def Mgt J 14:32-35 Sep '78
- Procurement & grants management: New opportunities for career growth. (Federal Acquisition Institute) illus Govt Exec 10:23+ Jun '78
- Public law 95-507: Will it create another monster? (A critique of small business contracting) Jean Skorupski. Govt Exec 10:53-54 Dec '78
- Quality assurance versus quality control. Capt Gary C. Bradham. illus AF Engrg & Svcs Qtr 19:8-9 Nov '78
- Quality at what price? Jerome L. Bauder. illus Def Mgt J 14:28-31 Jul '78
- Reducing software management risks. Ruth M. Davis. illus Def Sys Mgt Rev 1:16-23 Summer '78
- Reliability Improvement Warranty (RIW). TIG Brief 30:20 Mar 31 '78
- Revealing errors: The double bind. TIG Brief 30:21 Dec 15 '78
- SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78
- Task--a management chokepoint. Maj Thomas J. Stubblebine. illus Armed Forces Compt 23:23-25 Nov '78
- Teachers, technology & tradition: The cost cutting adjustment. illus Govt Exec 10:12+ Aug '78
- A technique for managers to stay informed. TIG Brief 30:17 Apr 14 '78
- Techniques for financial management. LtCol Arthur T. Stellmach. illus tabs AF Engrg & Svcs Qtr 19: 6-9 May '78
- They're the team (management engineering teams) people love to hate. SSgt Earl Shellner. illus AF Times 38:42 Jul 24 '78
- A user-oriented management information system. LtCol Bruce M. Cowan and Maj Richard E. Mayo. tab Mil Engr 70:111-113 Mar-Apr '78
- Using commercial buying practices isn't as easy as it sounds. illus Govt Exec 10:12+ Apr '78
- Vehicle management. Maj Roosevelt J. Lewis, Jr. illus AF Engrg & Svcs Qtr 19:23-25 May '78

MANAGEMENT IMPROVEMENT - Continued

- Vehicle mileage: A management indicator. TIG Brief 30:15 Jan 6 '78
- Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

ZBB can work in law enforcement. Charles E. Gabriel. illus Govt Exec 10:22+ Aug '78

Study and Teaching

- HEW tries the sterling approach. Govt Exec 10:32-34 Mar '78

MANAGEMENT INFORMATION SYSTEMS

- ARMIS (Armor Management Information System). Capt Donald M. Skipper. illus Armor 87:23-25 Sep-Oct '78
- The age of management impacts adversely on the military profession. John E. Keeley. illus MarCor Gaz 62:28-33 Jun '78
- Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78
- Data processing productivity: LA County's simple measure. illus tabs Govt Exec 10:48-50 Mar '78
- HRIS (Human Resources Information System): Systematically matching the right person to the right position. Torrey S. Whitman and Albert C. Hyde. illus tabs Def Mgt J 14:28-34 Mar '78
- Headhunter II (skills inventory). LtCol Charles Merrill. illus Air Reservist 29:6 Feb '78
- How good are maintenance data? John F. Stanhagen, Jr. tab Log Spectrum 12:51-60 Spring '78
- Information engineering: Navy recruitment productivity raised through word processing. illus Govt Exec 10:41-42 Aug '78
- Insurance brokerage packages model urban benefits program. illus Govt Exec 10:36+ Dec '78
- MMICS (Maintenance Management Information and Control System)/redundant systems in missile maintenance. TIG Brief 30:10 Feb 3 '78
- A modest proposal for management by major weapon system. 1stLt James D. Cook. tabs Def Mgt J 14: 19-26 Jan '78
- A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78
- SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78
- TACOPS (Tactical Air Combat Operations Staff) information system. Maj Jerald D. Briscoe. AF Compt 12:42 Jul '78
- A user-oriented management information system. LtCol Bruce M. Cowan and Maj Richard E. Mayo. tab Mil Engr 70:111-113 Mar-Apr '78

MANEUVERSSee also

Combined Operations
Joint Operations
War Games

also specific exercises and/or operations by name

MANEUVERS - ContinuedAir Force--U.S.

Exercises. Regular feature in some issues of Air Force Times

Armed Forces--Warsaw Pact

Soviet Bloc maneuvers: Recent exercise patterns and their implications for European security. Graham H. Turbiville, Jr. illus Mil Rev 58:19-35 Aug '78

Army--U.S.

Planning realistic field training (for Army Aviation personnel). illus USA Avn Dig 24:42-45 Feb '78

Plugging holes and mending fences. Cpts Gregory Fontenot and Matthew D. Roberts. illus Infantry 68:32-36 May-Jun '78

National Guard--Air Force--U.S.

OCONUS training--Air Guard style. Bruce P. Har- greaves. illus tabs Natl Guardsman 32:8-11 Jan '78

Reserve Forces--Air Force--U.S.

'Variety's the very spice of life': Rescue; Civil En- gineering; Maintenance; Tactical fighter; Air re- fueling; Medical; Combat communications; Re- cruiting; Combat support. TSgt Steven A. Landry and others. illus Air Reservist 30:12-18 Oct '78

MANPOWERRussia

Soviet leadership dilemma. tab Natl Def 62:310-311 Jan-Feb '78

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force-- United States--Statistics.

See also

Military Service, Compulsory
Military Service, Voluntary
Personnel

Mobilization

See Mobilization, Military

Statistics

Comparisons of military manpower 1974-1978: Lon- don's International Institute for Strategic Studies. Table only. AF Mag 61:126-127 Dec '78

Canada

Canada's professional military: The limits of civil- ization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

Russia

The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J. Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78

United States

AFA policy paper: Defense manpower issues. AF Mag 61:43-46 Nov '78

Availability of defense manpower. Thomas L. McFad- den. illus tabs Natl Def 62:462-473+ Mar-Apr '78

MANPOWER, MILITARY - ContinuedUnited States - Cont'd

Girding for the long haul. Gen Lew Allen, Jr. illus AF Mag 61:52-54+ Nov '78

The most important thread. Capt Charles G. Tucker. illus tabs AF Mag 61:70-72 Nov '78

Naval aviation manpower development: Contractor vs Navy. H.P. Aue. illus Log Spectrum 11:31-37 Win- ter '77

Reduction in safety manpower. TIG Brief 30:5 May 12 '78

Stennis notes Reserves' role: Treatment of people vital. Andy Plattner. AF Times 38:4 Feb 20 '78

Use of manpower. (Excerpts from remarks before Senate Armed Services Committee, Washington, Feb 9, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:19-23 May '78

We owe the troops. (Remarks, Public Hearing of the President's Commission on Military Compensa- tion, Thomas Nelson Community College, Hamp- ton, Va, Sep 21, 1977) LtGen James A. Knight, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:24-28 Jan '78

Costs

The all-volunteer force: Five years later. Richard V.L. Cooper. illus tab Intl Sec 2:101-131 Spring '78

Excerpts from DOD's Annual Report for Fiscal Year 1979. Harold Brown. tab Review 57:22+ Mar- Apr '78

This is what you cost the government. Table only. AF Times 38:2 Jun 19 '78

Statistics

Excerpts from DOD's Annual Report for Fiscal Year 1979. Harold Brown. tab Review 57:22+ Mar- Apr '78

MANPOWER, TECHNICALSee also

Engineers

Air Force

New plan seeks science officers. AF Times 38:42 Mar 6 '78

2 programs to ease technical shortages--officer re- call, continuation. M.L. Craver. AF Times 38:4 Jul 17 '78

Reserve Forces--Army

Improving USAR logistics support. Col Charles J.V. Fries III. illus Army Log 10:32-35 Jan-Feb '78

MANUALSArmed Forces

New maintenance manuals help to reduce life-cycle costs. Maj Troy V. Caver. tabs Def Mgt J 14:26-31 Sep '78

Army

FM 100-5. Gen Donn A. Starry. illus Mil Rev 58: 2-11 Aug '78

MANUALS - ContinuedArmy - Cont'd

The new FM 100-5 ("Operations"): A view from the ivory tower. Archer Jones. illus Mil Rev 58:27-36 Feb '78

On writing and fighting: A comparative analysis of the process. Col John C. Gazlay. illus Mil Rev 58:42-52 May '78

MAO, Tsé-tung

How to see in Chinese. Armed Forces J Intl 114: 13-14 Feb '77

MAPS AND MAPPING

Cessna Citation finding new applications (in aerial photomapping). illus Interavia 33:148 Feb '78

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Terrain association: Key to better map reading. Capt Michael J. Speltz. illus Fld Arty J 46:10-12 Jan-Feb '78

MARINE ACCIDENTS see Accidents, MarineMARINE BIOLOGY

Sea creatures and the problem of equipment damage. C. Scott Johnson. illus US Nav Inst Proc 104:106-107 Aug '78

MARINE CORPSBiography

Captain Samuel Bacon, USMC, was a man for all seasons. Ralph W. Donnelly and Richard A. Long. MarCor Gaz 62:69-71 Nov '78

Gen Oliver P. Smith's life was a commitment to excellence. Maj Michael F. Shisler. illus MarCor Gaz 62:42-48 Nov '78

Gunner Lloyd: A personal view. Maj C. A. Lloyd II. illus MarCor Gaz 62:57-61 Jan '78

Brigades, Divisions, etcUnited States

'Can-do' won't do in Norway. Maj Sean Leach. illus MarCor Gaz 62:52-56 Sep '78

Marine Corps' Mechanized Task Force. MarCor Gaz 62:2 Sep '78

NetherlandsOrganization

The Royal Netherlands Marine Corps. LtCol A. J. Hakkert. chart illus Army Qtr 108:62-68 Jan '78

Texas (Republic)History

Marines of the Texas Republic. MajGen Marc A. Moore. illus MarCor Gaz 62:28-34 Aug '78

MARINE CORPS - ContinuedUnited States

CMC now permanent member of JCS. MarCor Gaz 62:3 Dec '78

CMC reports on meeting the challenges of future battlefields. (3d annual State of the Corps message to Congress) Gen Louis H. Wilson. illus tabs MarCor Gaz 62:20-32 Apr '78

Corps may be force of the future (according to SecDef Harold Brown). MarCor Gaz 62:2 Apr '78

Development of a standard automated budget system for the operations accounts of the Marine Corps. LtCol Walter H. Skierkowski. illus tabs Armed Forces Compt 23:10-12 Nov '78

Extraordinary delusions. LtCol M. P. Caulfield. illus MarCor Gaz pt 1, 61:22-29 Dec '77; pt 2, 62:47-56 Jan '78

Gen Robert H. Barrow (new Assistant CMC) gets 4th star. illus MarCor Gaz 62:2 Aug '78

How a Marine rifle company should conduct a mechanized attack. Capt W. R. Stephens. illus MarCor Gaz 62:22-29 Oct '78

A kick in the butt isn't the answer. Maj J. N. Jolley, Jr. MarCor Gaz 62:49-52 Oct '78

LtGen Robert H. Barrow to succeed Gen Samuel Jas-kilka as Asst CMC. illus MarCor Gaz 62:2 Apr '78

Marine: A question of identity. Capt Stephen W. Miller. illus MarCor Gaz 62:14 Jan '78

The II Marine Amphibious Force: A force to be reckoned with. LtCol C. A. Fleming. illus NATO's Fifteen Nations 23:52-54+ Oct-Nov '78

Marine Corps Commandant (Gen Louis H. Wilson) lays to rest any possible doubts about future course. Officer 54:15 Jul '78

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. illus tabs Signal 32:67-70+ May-Jun '78

The Marine Corps tactical telephone system. Maj Ray E. Huebner. illus Signal 32:88+ May-Jun '78

Marines for the future. Francis J. West, Jr. illus US Nav Inst Proc 104:34-42 Feb '78

The Marines through 1999. MajGen Fred Haynes, Ret. illus US Nav Inst Proc 104:24-33 Sep '78

NATO 1978. L. Edgar Prina. illus Sea Power 21: 21-26 Nov '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. illus MarCor Gaz 62:26-30 Mar '78

Naval projection forces: The case for a responsive MAF (Marine Amphibious Force). Desmond P. Wilson, Jr. tabs Nav War Col Rev 31:99-105 Summer '78

New concepts in vehicles for the FMF. Capt R. A. Romagna. tab MarCor Gaz 62:61-62 Mar '78

Twilight for the Corps? William S. Lind and Jeffrey Record. illus US Nav Inst Proc 104:38-43 Jul '78

MARINE CORPS - ContinuedUnited States - Cont'd

USMC: A public institution. Interview. Gen Louis H. Wilson. illus MarCor Gaz 62:2+ Nov '78

What makes the United States Marine Corps tick? illus map NATO's Fifteen Nations 22:89-93 Dec '77-Jan '78

History

Captain Samuel Bacon, USMC, was a man for all seasons. Ralph W. Donnelly and Richard A. Long. MarCor Gaz 62:69-71 Nov '78

Dixie devildogs (Confederate States Marine Corps). Col T.J. Saxon, Ret. illus MarCor Gaz 62:34-38 Jun '78

Gen Oliver P. Smith's life was a commitment to excellence. Maj Michael F. Shieler. illus MarCor Gaz 62:42-48 Nov '78

Getting the job done with un-artillery. LtGen Louis Metzger, Ret. illus MarCor Gaz 62:64-68 Nov '78

A good bowl of 'Chowder' saved the Marine Corps following WW II. illus MarCor Gaz 62:22-33 Dec '78

Gunner Lloyd: A personal view. Maj C.A. Lloyd II. illus MarCor Gaz 62:57-61 Jan '78

Hollywood and the Marines. Lawrence Suid. illus MarCor Gaz 62:36-44 Apr '78

Memories and impressions: Guadalcanal and Tulagi, 1978. BrigGen Samuel B. Griffith II, Ret. illus MarCor Gaz 62:49-56 Nov '78

The military occupation of Haiti. Robert Debs Heintz and Nancy Gordon Heintz. map illus MarCor Gaz pt 1, Pacification, 1915-1921. 62:28-41 Nov '78; pt 2, Problems and programs, 1920-1928. 62:46-56 Dec '78

One large success (Operation Meade River) in a lost war. SgtMaj Jack W. Janual, Ret. MarCor Gaz 62:72-73 Nov '78

An ordinary Joe. (Marine Joseph Verduci) Maj Anthony D. Nastro. illus US Nav Inst Proc 104:71-77 Nov '78

The Philadelphia connection. (Marine BrigGen Smedley D. Butler serves as Director of Public Safety for Philadelphia, 1924-25, during Prohibition) Maj John C. Short, Jr. illus MarCor Gaz 62:57-63 Nov '78

With cutlass and sword (against pirates and terrorists). William L. Roper. illus MarCor Gaz 62:51-56 Apr '78

Organization

Corps-level commands of USMC. Louis Caporale. MarCor Gaz 62:74-77 Nov '78

Going the mechanization route. 2dLt Jonathan J. Mott. MarCor Gaz 62:17-18 Oct '78

Proposing some new models for Marine mechanized units. William S. Lind. illus MarCor Gaz 62:34-38 Sep '78

Retain the field artillery group. Capt David G. Decker. MarCor Gaz 62:16-17 Dec '78

MARINE CORPS - ContinuedUnited States - Cont'dOrganization - Cont'd

Updating the tank company. Capt Maxwell O. Johnson. MarCor Gaz 62:19-20 Oct '78

What makes the United States Marine Corps tick? illus map NATO's Fifteen Nations 22:89-93 Dec '77-Jan '78

MARINE CORPS AVIATION

All Marines have a stake in the future of close air support. LtCol F.J. Breth. illus tabs MarCor Gaz 62:30-39 May '78

Corps-level commands of USMC. Louis Caporale. MarCor Gaz 62:74-77 Nov '78

Helicopters can survive the real threat of the modern battlefield. LtCol R. Sancho. illus MarCor Gaz 62:42-48 May '78

The impact of the FY-79 budget on Marine Aviation. LtGen Thomas H. Miller, Jr. MarCor Gaz 62:27-29 May '78

In defense of Marine Air. LtCol William T. Hewes. illus MarCor Gaz 62:63-66 May '78

History

The Douglas Skyray in fleet colors. Nicholas M. Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78

Marine combat squadrons in WW I. MSgt Roger M. Emmons, Ret. MarCor Gaz 62:78-81 Nov '78

Marine U-boat hunters of WW II. James S. Santelli. MarCor Gaz 62:82-84 Nov '78

A new home for the Corps' old aircraft (Marine Corps Aviation Museum, Quantico, Va). Jack B. Hilliard and Col Brooke Nihart, Ret. illus MarCor Gaz 62:67-71 May '78

The United States Marine Corps Aviation Museum (Quantico, Va). Jack B. Hilliard. illus Aerosp Hist 25:45-48 Mar '78

MARINE CORPS DEVELOPMENT AND EDUCATION COMMANDOrganization

Concepts, doctrine and studies: A cohesive force for R&D. LtCol J.C. Byram, Jr. MarCor Gaz 62:24-25 Mar '78

MARINE CORPS SCHOOLS, QUANTICO, VA see Marine Corps Development and Education Command

MARINE ENGINES

The Garrett 990--a new gas turbine for fast patrol boats. Robert M. Chapman. illus (Also cutaway) tabs Intl Def Rev 11, No. 4:545-548 '78

MARINE RESOURCES

Offshore technology. Regular feature in issues of Military Engineer

MARINE RESOURCES - Continued

The promise of the sea--a national program is needed to harvest the rich crops of aquaculture. Ellen D. Bottiny. illus Sea Power 21:15-20 Apr '78

The security of offshore resources. D.C. Watt. illus RUSI J for Def Studies 123:18-25 Jun '78

MARITIME ADMINISTRATIONSee also

Merchant Marine--U.S.
National Defense Reserve Fleet

The last of the Libertys: A story of the greatest ship-building effort in history. Hal Rubin. illus Def Trans J 34:6-8+ Aug '78

MARITIME LAW

High stakes in Geneva. (UN 3d Law of the Sea (LOS) Conference) Merle Macbain. illus Sea Power 21: 20-25 May '78

LOS sessions start with seabed mining impasse. L. Edgar Prina. illus Sea Power 21:32-34 Apr '78

'Meeting the challenge': (Transportation Sec Brock) Adams issues FCZ (Fishery Conservation Zone) update. L. Edgar Prina. illus Sea Power 21:36-37 Apr '78

The security of offshore resources. D.C. Watt. illus RUSI J for Def Studies 123:11-18 Jun '78

Transit rights and maritime strategy. D.P.O'Connell. RUSI J for Def Studies 123:11-18 Jun '78

MARK, Hans M.

The art of ballooning. (Remarks, Air Force Geophysics Laboratory Scientific Balloon Symposium, Portsmouth, NH, Aug 21, 1978) Hans Mark. AF Plcy Ltr for Comdrs: Sup No.11:37-40 Nov '78

Space shuttle. (Remarks, Alexander von Humboldt Foundation, Dusseldorf, Ger, May 29, 1978) Hans Mark. AF Plcy Ltr for Comdrs: Sup No.10:16-21 Oct '78

MARKETS AND MARKETING

Market report: Commissary sales--CY 76 vs CY 77. Tables only. Review 57:26+ May-Jun '78

"Working together to make it better." (ALA Western Regional Conference, San Francisco, March 20-21, 1978) Glenn Flood. illus Review 57:16+ May-Jun '78

MARKSMANSHIP

Biathlon (cross-country skiing with rifle marksmanship) shoots ahead (at Camp Ripley, Minn). 1stLt John L. Plaster. illus Soldiers 33:28-31 Jun '78

Either there's too much emphasis on marksmanship or not enough. Capt Michael Peck. tab Officer 54:8+ Aug '78

Gunner Lloyd: A personal view. Maj C.A. Lloyd II. illus MarCor Gaz 62:57-61 Jan '78

Marksmanship: "A long lost art" is rediscovered by the Guard. illus Natl Guardsman 32:12-15+ Sep-Oct '78

Marksmanship in the Guard. (8th annual Winston P. Wilson Rifle, Pistol and Machinegun Championships) illus tabs Natl Guard 32:26-27 Nov '78

MARKSMANSHIP - ContinuedStudy and Teaching

Marksmanship training for WM's. MarCor Gaz 62:6 Apr '78

Rifle marksmanship. Capt Paul L. Conway. illus Infantry 68:24-27 Jul-Aug '78

MARRIAGE AND DIVORCE

Ex-spouses may win claim on retired pay--bill launched in House. AF Times 38:2 Mar 20 '78

'I pronounce you Buddy and wife.' George Vierhus. illus Army 28:36+ Dec '78

Putting marriage in motion. (USAF chaplains encourage marriage enrichment programs) Maj Terry A. Arnold. illus Airman 22:11-16 Mar '78

Retired pay (can't be attached) as property. AF Times 38:3 May 29 '78

MARSH, Robert T.

Tactical C3: The modern challenge. LtGen Robert T. Marsh. por Signal 33:14-17 Sep '78

Tactical C3: The modernization challenge. (Remarks, Washington Chapter, Armed Forces Communications and Electronics Assoc, Washington, April 6, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No.7:8-14 Jul '78

MARSHALL, George C.

Battery X. Maj Georgia B. Watson, Ret. Army 28: 32-35 Dec '78

George C. Marshall, architect of airpower. Gen Laurence S. Kuter, Ret. por AF Mag 61:65-67 Aug '78

MARSHALL, Samuel L. A.

BrigGen S.L.A. Marshall, noted historian, dies (Dec 17, 1977). MarCor Gaz 62:4 Feb '78

On heavy artillery: American experience in four wars. BrigGen S.L.A. Marshall, Ret. por Parameters 8:2-20 Jun '78

S.L.A. Marshall (1900-1977): In memoriam. Hugh M. Cole. biog por obit Parameters 8:2-7 Mar '78

MARX, Karl

Karl Marx and military history. LtGen P. Zhilin. por Soviet Mil Rev No.5:9-11 May '78

Marx and radical militarism in the developing nations. Miles D. Wolpin. Armed Forces & Soc 4: 245-264 Winter '78

Marxist-Leninist doctrine on war and the Army. ColGen G.V. Sredin. Soviet Mil Rev No.1:18-21+ Jan '78

MASS TRANSPORTATION see TransportationMATERIALS

See also subdivision under specific subjects,

e.g.,

Airplanes--Materials

Airplanes, Military--Materials

(Cotton) blends not unduly 'electrified.' Ron Sanders. AF Times 38:4 Feb 13 '78

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

MATERIALS - Continued

Rigid-sidewall craft from Hovermarine. Derek Wood. illus tabs Intl Def Rev 11, No.9:1480-1481 '78

Static electricity in clothing. TIG Brief 30:11-12 Feb 3 '78

MATERIALS HANDLINGSee also

Containers
Hazardous Substances--Transportation
Packing for Shipment

Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78

The future of container ports. Lee Sellers. illus Def Trans J 34:30-32 Jun '78

Equipment

463L pallet abuse and misuse. TIG Brief 30:21 May 26 '78

MATHIS, Robert C.

New challenges in EW. LtGen Robert C. Mathis. por Signal 32:24-26+ Mar '78

MEASUREMENT see Weights and MeasuresMECHANIZED FORCES see ArmorMEDAL OF HONOR

Medal of Honor winner (CAPT Michael J. Estocin). illus Comdrs Dig 21:20 Mar 9 '78

MEDALS see Awards, Decorations, etcMEDICAL AND SANITARY AFFAIRSSee also

Vietnamese Conflict, 1957-1975--Medical and Sanitary Affairs

Air Force

Access to the health care delivery system. TIG Brief 30:20 Nov 3 '78

Medical aspects of the Personnel Reliability Program. TIG Brief 30:22 Sep 22 '78

MEDICAL CENTERS AND SCHOOLSArmed Forces

Many centers fail med standards. AF Times 38:12 Jan 23 '78

Officer from Havana (in the S.M. Kirov Military Medical Academy). Maj I. Barchukov. illus Soviet Mil Rev No. 12:38-40 Dec '78

University for military physicians. (Uniformed Services University of the Health Sciences) illus Army 28:62-66 Jun '78

MEDICAL CORPSAir Force--U.S.

AF opposes freeze on PA commissions. Ron Sanders. AF Times 39:2 Aug 21 '78

Career counseling of physicians. TIG Brief 30:19 Dec 15 '78

MEDICAL CORPS - ContinuedAir Force--U.S. - Cont'd

447 (officers) win med/dental hikes. AF Times 39:18+ Dec 11 '78

PA aspirants need 60 college hours. Ron Sanders. AF Times 38:2 Feb 27 '78

3 bases to lose OB/Gyns. Ron Sanders. AF Times 38:3 May 1 '78

Armed Forces--U.S.

Dr shortage to last longer than expected. AF Times 38:44 May 29 '78

Hill cool on doc(tor) recruiting. AF Times 39:3 Aug 7 '78

Surgeon General sees end to doctor shortage. Interview. LtGen George E. Schafer. AF Times 38:2 Feb 20 '78

Army--U.S.

Doctor shortage--what's being done about it? Sgt1C Matt Glasgow. illus Soldiers 33:6-11 Jul '78

Passed-over doctors file grievance. Jim Tice. AF Times 38:26 Mar 6 '78

MEDICAL EDUCATION PROGRAM

Civilian dollars luring scholarship doctors. AF Times 39:4 Nov 6 '78

Dr study \$\$ may be axed. AF Times 39:19 Aug 21 '78

Smith optimistic on future health care. Interview. Robert N. Smith. illus AF Times 38:25 Jan 30 '78

Training affiliations with civilian institutions. TIG Brief 30:16 Mar 31 '78

Training Quality Report (TQR). TIG Brief 30:15 Mar 31 '78

MEDICAL EQUIPMENT AND SUPPLIES

Environmental safety in dental clinics. TIG Brief 30:11 Apr 14 '78

Handling and control of hazardous materials. TIG Brief 30:18 Apr 28 '78

Hospital logistics. George F. Fairhurst. illus Log Spectrum 12:12-16 Summer '78

MEDICAL EXAMINATIONS

Detection of drugs: An accurate science. illus AF Times 39:53 Oct 30 '78

Drug and alcohol testing of individuals involved in ground mishaps. TIG Brief 30:19 Oct 20 '78

Fatal aircraft accidents. A.J.C. Balfour. Aviation, Space & Envmt Med 48:909-910 Oct '77

Patient appointments. TIG Brief 30:10 Oct 6 '78

'Project Navajo.' SMSgt Hyrum Bates. illus Air Reservist 29:19-20 Mar '78

Substantial increase of drugs in troops' testing indicated. AF Times 39:7 Nov 27 '78

Supervisor's responsibility concerning occupational physical examinations. TIG Brief 30:3 May 26 '78

32,000 Pap tests 'misclassified'--AF is rechecking. Ron Sanders. AF Times 38:3 Jul 24 '78

MEDICAL EXAMINATIONS - Continued

Urinalysis program management. TIG Brief 30:15-16
Sep 8 '78

MEDICAL SERVICESee also

Dental Corp
Flight Surgeons
Medical Corps
Medical Service Corps
Surgeon General
Veterinary Corps

Air Force--U. S.See also

Biomedical Sciences Corps

Access to the health care delivery system. TIG Brief
30:20 Nov 3 '78

(Air Force) Medical (Services) Center set up at
Brooks (AFB, Tex). AF Times 39:23 Aug 28 '78

Claims outstrip amounts paid--malpractice cases up.
AF Times 38:4 Feb 13 '78

'Is our medical unit ready?' TIG Brief 30:14
Oct 20 '78

Malpractice suits still on increase in AF. AF Times
38:2 Jan 30 '78

Scheduling health care for greater efficiency. TIG
Brief 30:17 Feb 17 '78

Taking the pain out of injections. Ron Sanders. illus
AF Times 39:7 Dec 11 '78

32,000 Pap tests 'misclassified'--AF is rechecking.
Ron Sanders. AF Times 38:3 Jul 24 '78

3 bases to lose OB/Gyns. Ron Sanders. AF Times
38:3 May 1 '78

Costs

Policy on outpatient charges. Ron Sanders. AF
Times 38:4 Apr 17 '78

Armed Forces--U. S.

Computer to halt illegal use of IDs for health care.
Richard C. Barnard. AF Times 38:9 Apr 10 '78

DOD study to evaluate health-care resources. AF
Times 39:4 Nov 13 '78

Dept of Defense unveils Cooperative Care plan. Offi-
cer 54:24 Aug '78

Doctors need pay security. Interview. LtGen George
E. Schafer, Ret. illus AF Times 39:52-53
Sep 25 '78

GAO: DOD can't evaluate efficiency of med offices.
AF Times 38:47 Feb 27 '78

Health care: The broken contract--it's more than a
doctor shortage. F. Clifton Berry, Jr. tabs Armed
Forces J Intl 115:36-40 Feb '78

House says no on abortions. Andy Plattner. AF
Times 39:8 Aug 21 '78

Many ineligible get health care: DAS (Defense Audit
Service) report. AF Times 39:22 Nov 13 '78

Medical care lack seen if war comes--Europe assess-
ment. AF Times 39:6 Aug 28 '78

MEDICAL SERVICE - ContinuedArmed Forces--U. S. - Cont'd

Medical plan would provide wider range. AF Times
38:3 May 1 '78

None would be refused care because of physician
shortage. AF Times 38:23 Jul 3 '78

Smith optimistic on future health care. Interview.
Robert N. Smith. illus AF Times 38:25 Jan 30 '78

Surgeon General sees end to doctor shortage. Inter-
view. LtGen George E. Schafer. AF Times 38:2
Feb 20 '78

Army--U. S.

The amosist: Help at hand. (Automated Military Out-
patient System) SSgt Jim Rogers. illus Soldiers
33:6-8 Feb '78

Mark of a pro (Expert Field Medical Badge, EFMB).
MSgt Bruce N. Bant. illus Soldiers 33:6-9 Apr '78

A most unusual skill. (Automated Military Outpatient
System (AMOS)) SSgt Jim Rogers. Soldiers 33:
7-8 Feb '78

Navy--U. S.

The struggle for family practice medicine. Richard
C. Barnard. illus AF Times, Times Magazine sup:
12-14 May 1 '78

Reserve Forces--Army--U. S.

Reserve health care: Ace in the hole. Capt Art House.
illus Soldiers 33:36-39 Jun '78

MEDICAL SERVICE CORPSAir Force--U. S.

The medical executive staff meeting. TIG Brief 30:19
Mar 17 '78

MEDICARE

CHAMPUS co-op care plan ok'd, effective July 1.
Richard C. Barnard. AF Times 38:2 Jun 26 '78

CHAMPUS cutbacks seen (in) mental health care. AF
Times 39:7 Nov 6 '78

CHAMPUS pay-cost gap irks. AF Times 39:33
Jul 31 '78

CHAMPUS request (to restore the 90th percentile
rule to CHAMPUS payments) stirs up Pentagon.
AF Times 38:29 Jul 10 '78

CHAMPUS to evaluate mental health care. Richard C.
Barnard. AF Times 38:4 Feb 27 '78

DOD OKs CHAMPUS dental proposal. Richard C.
Barnard. AF Times 38:6 Jun 5 '78

Defense wants more out-patient surgery. AF Times
38:4 Mar 6 '78

Dept of Defense unveils Cooperative Care plan. Offi-
cer 54:24 Aug '78

Feelings about CHAMPUS mixed, poll indicates. AF
Times 38:6 Jan 30 '78

Filing a CHAMPUS claim is easier than you think.
illus MarCor Gaz 62:39-44 Sep '78

Health care: The broken contract--it's more than a
doctor shortage. F. Clifton Berry, Jr. tabs Armed
Forces J Intl 115:36-40 Feb '78

MEDICARE - Continued

Health plan includes military: New U.S. project would cover vets, CHAMPUS. AF Times 38:4 May 29 '78

House passes Defense (Authorization) Bill, rejects abortion limits. Andy Plattner. AF Times 38:3 Jun 5 '78

House says no on abortions. Andy Plattner. AF Times 39:8 Aug 21 '78

Improving CHAMPUS. Interview. MajGen Benjamin R. Baker. illus AF Times 38:12+ Apr 17 '78

JCS: CHAMPUS 'failure' hurts recruiting efforts. Richard Barnard. AF Times 38:1+ May 1 '78

Medical plan would provide wider range. AF Times 38:3 May 1 '78

M(ultiple) s(clerosis) victim (LtCol Philip H. Baker, Ret) hurt by CHAMPUS switch. Richard C. Barnard. AF Times 39:6 Dec 18 '78

New CHAMPUS claim form coming. Richard Barnard. illus AF Times 39:34 Aug 28 '78

160 'grandfathered' under CHAMPUS. Richard C. Barnard. AF Times 39:6 Nov 13 '78

Panel (Senate Armed Services Committee) OKs CHAMPUS pay increase. AF Times 38:2 May 22 '78

Personnel chief (LtGen B.L. Davis) says CHAMPUS falling job. (Testimony to Congress) Bruce Callander. AF Times 38:2 Apr 3 '78

Retirees get med break. AF Times 38:9 Feb 13 '78

Smith optimistic on future health care. Interview. Robert N. Smith. illus AF Times 38:25 Jan 30 '78

White House vetoes higher CHAMPUS pay. AF Times 38:2 Jan 23 '78

MEDICINESee also

Aviation Medicine
Military Medicine
Space Medicine

MEDITATION

TM: The search for peace of mind. SSgt Jim Rogers. illus Soldiers 33:33-36 Jan '78

MEDITERRANEAN FLEET see Fleet, 6thMEDITERRANEAN REGION

U.S. overseas bases: Projecting American military power in the Mediterranean and Western Pacific. Alvin J. Cottrell and ADM Thomas H. Moorer, Ret. (Abridged from Washington Papers, No. 47, 1977) illus Mil Rev 58:20-34 Jun '78

MEMORIALSSee also

Battlefields
Cemeteries, National
Unknown Soldier

How the Marine monument in Belleau Wood got built. Col Gordon H. West, Ret. MarCor Gaz 62:77-78 Nov '78

MEMORIALS - Continued

The revolutionary (Soviet) cruiser "Aurora." LtCol V. Sukhodolsky. illus Soviet Mil Rev No. 8:54-55 Aug '78

MENTAL HEALTH

CHAMPUS cutbacks seen (in) mental health care. AF Times 39:7 Nov 6 '78

CHAMPUS to evaluate mental health care. Richard C. Barnard. AF Times 38:4 Feb 27 '78

Dr (Don M. LaGrone) pinpoints problems of service family life. AF Times 39:2 Dec 25 '78

Emergency mental health services during and after a major aircraft accident. John C. Duffy. Aviation, Space & Envmt Med 49:1004-1008 Aug '78

Separations reg reflects CMA's sanity definition. AF Times 38:32 Jan 23 '78

Why are we killing ourselves? Patricia Barnes. illus Soldiers 33:22-24 Mar '78

MENTAL HEALTH CENTERS see Mental HealthMERCENARIES (SOLDIERS) see Mercenary TroopsMERCENARY TROOPS

The Gurkha came out of the Himalayas to become Britain's legendary soldier. LtCol Donald R. Gardner. illus MarCor Gaz 62:48-52 Feb '78

Twentieth-century mercenaries. Yuri Zhukov. Soviet Mil Rev No. 5:48-49 May '78

History

Memoirs of pilot Elwyn H. Gibbon, the mad Irishman. (Mercenary pilot for China in the 14th International Sq) Edward L. Leiser. illus tabs Am Avn Hist Soc J 23:2-18 Spring '78

MERCHANT MARINE

Whose cargo preference? Irwin M. Heine. illus tabs Sea Power 21:29-36 Mar '78

Cuba

Cuba's maritime outreach. John D. Harbron. tab illus US Nav Inst Proc 104:40-47 Sep '78

Russia

The strategic power of Soviet shipping. John Fullerton. illus Def & For Aff Dig 6, No. 6:30-31+ '78

United States

Containerized weapons ... and merchant warships. Norman Polmar. illus US Nav Inst Proc 104:133-136 Mar '78

How do you get there from here? (Testimony, House Merchant Marine and Fisheries Committee, Sep 20, 1978) ADM Isaac C. Kidd. illus Sea Power 21:19-22 Oct '78

The NMC (National Maritime Council): Beyond the dark horizon. Joseph Volz. illus Sea Power 21:31-33 Oct '78

Navy expects static testing of RMSD (Reserve Merchant Ship Defense) System next fall. illus Officer 54:13 Jan '78

MERCHANT MARINE - ContinuedUnited States - Cont'd

U.S. Life Lines: Data and statistics, observations and conclusions. James D. Hessman and Ellen D. Bottiny. tabs illus Sea Power 21:31-34 Sep '78

The U.S. Merchant Marine: Time to turn the tide. J. Paul Sticht. illus Sea Power 21:15-20 Nov '78

MERCHANT MARINE ACADEMY, KINGS POINT, NY

Computer Aided Operations Research Facility (CAORF), (Surface ship simulator) CDR John E. Manning. illus US Nav Inst Proc 104:113-115 Jan '78

MERCY MISSIONS

Airlifts bring wounded, dead from Guyana. illus AF Times 39:3 Dec 4 '78

A lifeline for Lester (Wash). Capt Ronald Mikulski. illus Air Reservist 29:16-17 Mar '78

MERKLING, Richard E.

Air Force Inspection and Safety Center. por AF Mag 61:98 May '78

MERRITT, Jack N.

Field artillery of the 1980's. MajGen Jack N. Merritt. Natl Def 62:544-548 May-Jun '78

METALS

Cadmium-plated tools. TIG Brief 30:13 Sep 22 '78

Care and handling of metallurgical failure exhibits. TIG Brief 30:10 May 26 '78

New developments in aluminum plate technology: Alcan Plate expands facilities. illus Interavia 33: 994-995 Oct '78

Stretching procurement dollars. (DOD Precious Metals Recovery Program (PMRP)) tab TIG Brief 30:10 Aug 25 '78

Titanium powder metallurgy uses. Edward L. Thellmann. illus Natl Def 62:314-315+ Jan-Feb '78

The 'treasure' of Victorio Peak: Where the gold bug bit the dust. (Gold search at White Sands Missile Range, 1977) Ray Nelson. illus map Army 28:32-36 Aug '78

METEOROLOGY

See also
Weather

Environmental services support to DOD. Col Robert M. Pfeiffer. illus map Signal 32:30-34+ Jan '78

METHODOLOGY

See also subdivision Methodology under specific subjects

METRIC SYSTEM see Weights and MeasuresMETZENBAUM, Howard M.

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

METZGER, Louis

Getting the job done with un-artillery. LtGen Louis Metzger. Ret. MarCor Gaz 62:64-68 Nov '78

MEXICAN WAR, 1845-1848

John Paul Jones O'Brien. Col Robert M. Stegmaier. Ret. illus map Fld Arty J 46:47-49 May-Jun '78

MEXICO

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77; pt 2, 3:50+ Dec '77-Jan '78

Politics and Government

Legislatures under authoritarian regimes: The case of Mexico. Alejandro Portes. J Pol & Mil Sociol 5:185-201 Fall '77

MICROFICHE see Microforms

MICROFILM see Microforms

MICROFORMS

Air Reserve Personnel Center records go from big package to shirt pocket size. Maj Garry E. Mitchellmore. Officer 54:15-16 Jan '78

Voter index copying system achieves major cost saving. James A. Riggs. Govt Exec 10:47 Apr '78

MICROWAVE LANDING SYSTEMS

MLS cleared for take-off. Dan Boyle. tabs Interavia 33:991-993 Oct '78

MLS--the battle for Brussels. Yves Robins. illus Aerosp Intl 14:32 Feb-Mar '78

Military awaits landing system decision: Development of a Joint Tactical Microwave Landing System depends on the selection of a worldwide civilian standard. illus Elect Warfare/Def Elect 10:28+ Mar '78

New tactical landing system. Joan C. Fair. illus USA Avn Dig 24:18-19 Dec '78

MICROWAVES

Automated microwave receiving testing. Charles E. Foster III and Kenway J. Wong. illus Mil Elect/Countermeasures 4:28+ Jun '78

Microwave transistor amplifiers, oscillators continue steady march in retrofit market. illus Elect Warfare/Def Elect 10:89-90+ May '78

MID-CANADA EARLY WARNING LINE see Distant Early Warning SystemsMIDDLE EAST

Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78

(Middle East electronic order of battle index) Elect Warfare/Def Elect 10:55-56+ Jan '78

Middle Eastern geopolitics: A view from the desert. Chester A. Nagle. illus maps Elect Warfare/Def Elect 10:29-30+ Jan '78

Strategy for a transition period. Shimon Peres. Intl Sec 2:4-12 Winter '78

The way to perceive peace in the Middle East. Ashraf Ghorbal. Intl Sec 2:13-21 Winter '78

MIDDLE EAST - ContinuedForeign RelationsUnited States

Beyond the "plane package": Arms and politics in the Middle East. Andrew J. Pierre. Intl Sec 3:148-161 Summer '78

Strategic Importance

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan. 6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7:14-16+ '78

MIDDLE EAST CRISIS, 1967See also

Arab-Israeli Conflict, 1967 - Middle East War, 1973

The violation of the "Liberty." (U.S. electronics intelligence ship attacked by Israeli fighter-bombers and torpedo boats, June 8, 1967) Richard K. Smith. illus US Nav Inst Proc 104:62-70 Jun '78

MIDDLE EAST WAR, 1973See also

Arab-Israeli Conflict, 1967 - Middle East Crisis, 1967

New role for Israeli Air Force? Bonner Day. illus AF Mag 61:34-39 Aug '78

The tank is alive and well. LtCol Michael J. Hatcher. illus map Mil Rev 58:75-87 Feb '78

The way to perceive peace in the Middle East. Ashraf Ghorbal. Intl Sec 2:13-21 Winter '78

Equipment

The tank is alive and well. LtCol Michael J. Hatcher. illus map Mil Rev 58:75-87 Feb '78

Lessons Learned (Military)

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

A revisionist's view. Capt Adolf Carlson. illus Infantry 68:37-39 May-Jun '78

MILEY, Henry A., Jr

Future industrial mobilization. Gen Henry A. Miley, Jr, Ret. Natl Def 63:54-57 Jul-Aug '78

MILITARISM

From dependency to determinism: The new structure of Latin American militarism. Irving Louis Horowitz. tabs J Pol & Mil Sociol 5:217-238 Fall '77

Marx and radical militarism in the developing nations. Miles D. Wolpin. Armed Forces & Soc 4:245-264 Winter '78

The new internationalisms. Michael Mandelbaum and William Schneider. Intl Sec 2:81-98 Winter '78

History

Christianity v militarism. Army Qtr 108:47-61 Jan '78

MILITARY ACADEMIESSee also

Noncommissioned Officers Academies

MILITARY ACADEMIES - ContinuedGreat Britain

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77; Commentary. Brig A.J. Trythall. RUSI J for Def Studies 123:36-39 Sep '78

Sandhurst. Paul L. Moorcraft. illus Army 28:46-53 Mar '78

Russia

The Lenin Military-Political Academy. illus Soviet Mil Rev No. 12:7-9 Dec '78

Officer from Havana (in the S. M. Kirov Military Medical Academy). Maj I. Barchukov. illus Soviet Mil Rev No. 12:38-40 Dec '78

The Soviet military school. (Interview with ColGen V. Makarov) LtCol V. Titov. illus Soviet Mil Rev No. 12:2-4 Dec '78

History

The Soviet military school. Col N. Sedov. illus Soviet Mil Rev No. 6:14-16 Jun '78

United StatesSee also Service academies by name, e.g.,

Air Force Academy
Military Academy, West Point, N. Y.
Naval Academy, Annapolis, MD

A fusion strategy for pre-commissioning training. Roger A. Beaumont and William P. Snyder. tab J Pol & Mil Sociol 5:259-277 Fall '77

MILITARY ACADEMY, WEST POINT, NY

Coeducation at West Point. Robert F. Priest and others. Armed Forces & Soc 4:589-606 Summer '78

New Jersey (ARNG) goes to West Point. illus Natl Guard 32:10-11 Nov '78

USMA Detachment of Field Artillery. Col Numa P. Avendano, Ret. illus Fld Arty J 46:36-39 Jul-Aug '78

West Point sports. SP5 Manuel Gomez. illus Soldiers 33:28-33 Aug '78

Women at West Point: Change within tradition. Maj Alan G. Vitters and Nora Scott Kinzer. illus tabs Mil Rev 58:20-28 Apr '78

MILITARY AID TO FOREIGN COUNTRIES

The expanding Soviet collective security network. Avigdor Haselkorn. illus Strat Rev 6:62-73 Summer '78

The law of supply and the armed: Industry and the U.S. arms control policies. David Harvey. illus tab Def & For Aff Dig 6, No. 9:15-17+ '78

NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C. W. Borklund. Govt Exec 10:43+ Dec '78

The role of U.S. security assistance: Its impact on the recipient nation. LtCol David R. Holmes. illus Mil Rev 58:68-74 Feb '78

MILITARY AID TO FOREIGN COUNTRIES - Continued

U.S. weapons exports: Can we cut the arms connection? tabs Def Monitor 7:1-4 Feb '78

Africa

Africa in struggle and creative effort. L. Yablochkov and V. Dmitriyev. illus Soviet Mil Rev No.4:52-54 Apr '78

The Cubans in Africa. Bonner Day. illus map AF Mag 61:43-46 Apr '78

Brazil

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

China (People's Republic)

Modernization and conflict: Soviet military assistance to the PRC, 1950-60. Maj Joseph E. Thach, Jr. illus Mil Rev 58:72-92 Jan '78

NATO

U.S. arms transfers to NATO--past, present, future. James C. Appleyard and others. tabs NATO's Fifteen Nations 22:70-71+ Dec '77-Jan '78

MILITARY AIRLIFT COMMANDSee also

Aerospace Audio-Visual Service
Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service

Accident statistics for 1977. tabs MAC Flyer 25:4-5 Apr '78

Airlift assistance to Rhode Island. (Statement before Senate Regional and Community Development Subcommittee, March 7, 1978) MajGen Edward J. Nash. AF Plcy Ltr for Comdrs: Sup No.5:28-32 May '78

Comptroller activities at major commands: Military Airlift Command. Col Kenneth D. Leuthold and Capt Reinaldo Morales. illus AF Compt 12:42-45 Jan '78

"Doubts, decisions, and directions." (Remarks, Aviation Space Writers' Convention, Atlanta, April 24-26, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No.7:2-7 Jul '78

Evolution: Airlift in transition, 1948-1978. Capt Bruce L. Gumble. illus MAC Flyer 25:7-10 Jun '78

MAC decides to cut navigators on C-141s. Len Famiglietti. AF Times 39:2 Dec 25 '78

MAC to "stretch" C-141 Starlifters. Translog 9:20 Aug '78

Many MAC pilots quitting for airline jobs. AF Times 39:3 Dec 4 '78

Military Airlift Command. tab illus charts AF Mag 61:72-74 May '78

Military Airlift Command: The emergency airline. Bonner Day. AF Mag 61:35 Oct '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

MILITARY AIRLIFT COMMAND - Continued

Reforger puts bite in NATO. illus AF Times 39:34 Dec 11 '78

The TALO (Tactical Airlift Liaison Officer): MAC's man in the Army. LtCol Curtis W. Rosler and Maj Don O. Christian. illus MAC Flyer 25:10-11 Aug '78

A taste of paradise. (MAC crews deliver vital supplies to New Zealand, Australia, and other areas) MSgt David B. Drachlis. illus Airman 22:11-17 Nov '78

When rain 'drops' kept falling. (Operation Neptune II, joint airborne training mission) TSgt David B. Drachlis. illus Airman 22:2-7 Jan '78

History

75 years of powered flight. Dan Hall. illus Translog 9:2-5 Nov-Dec '78

MILITARY ART AND SCIENCESee also

Attack and Defense (Military Science)
Deception in Warfare
Interdiction
Strategy
Surprise in Warfare
Tactics

Be seen--hit--killed. Capt Arthur B. Alphin. illus Armor 87:55-56 Jul-Aug '78

The categories of materialist dialectics and military science. Col V. Login. Soviet Mil Rev pt 1, No.6; 17-19 Jun '78; pt 2, No.7:36-38 Jul '78

Clausewitz would have wondered at the way we fought in Vietnam. Maj Patrick L. Townsend. MarCor Gaz 62:55-57 Jun '78

Defense planning: A time for breadth. Maj Richard J. Lunsford, Jr. illus Parameters 8:15-25 Mar '78

Encirclement. (Soviet Army's experience during the Great Patriotic War, 1941-45) Col Z. Shutov. illus maps Soviet Mil Rev No.4:47-50 Apr '78

Modern weapons and troop control. LtGen Vasily G. Reznichenko. illus Soviet Mil Rev No.12:10-13 Dec '78

The nature of electronic warfare. WgComdr M. T. Thurbon, Ret. RUSI J for Def Studies 123:33-36 Sep '78

MILITARY ASSISTANCE PROGRAMSee also

Security Assistance Program

MILITARY BASESSee also

Air Bases
Army Posts
Inactivation of Installations and Units
Naval Bases

United States

Guide to military installations in the U.S. illus AF Times, Times Magazine sup: entire issue Jun 26 '78

MILITARY BASES - ContinuedUnited States - Cont'dDirectories

Guide to military installations in the U.S. illus AF Times, Times Magazine sup: entire issue Jun 26 '78

MILITARY BASES, AMERICAN

U.S. overseas bases: Projecting American military power in the Mediterranean and Western Pacific. Alvin J. Cottrell and ADM Thomas H. Moorer, Ret. (Abridged from Washington Papers, No. 47, 1977) illus Mil Rev 58:20-34 Jun '78

Philippines (Republic)

Philippine-American relations and the U.S. bases: A Filipino perspective. Capt Serapio P. Taccad. Nav War Col Rev 30:67-74 Spring '78

MILITARY CEREMONIES, HONORS, AND SALUTES

Drill and Ceremonies. (AFM 50-14) TIG Brief 30:16 Jan 6 '78

Mortuary affairs. TIG Brief 30:11 Mar 17 '78

Order of the Sword: Symbol of esteem. AF Times 38:41 May 29 '78

MILITARY CIVIC ACTION see Civic Action ProgramMILITARY-CIVIL RELATIONS

But they (two congressmen with a single specialty, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. illus Army 28:24-28 Jan '78

Civil-military conflict within the Defense structure. LtCol Andrew P. O'Meara, Jr. illus Parameters 8:85-92 Mar '78

The civil-military interface in a metropolitan community. David R. Segal and others. tabs Armed Forces & Soc 4:423-448 Spring '78

Civilian rule and the coup d'etat: The case of Busia's Ghana. Simon Baynham. RUSI J for Def Studies 123:27-33 Sep '78

Coup. Paul L. Moorcraft. illus Army 28:16-19 Jul '78

Does the Army have a future? Deterrence and civil-military relations in the post-Vietnam era. LtCol Alfred H. Paddock, Jr. illus Parameters 8:51-57 Sep '78

The formative influence of the civil wars: Societal roles of the Soviet and Chinese armies. Jonathan R. Adelman. tab Armed Forces & Soc 5:93-116 Fall '78

From dependency to determinism: The new structure of Latin American militarism. Irving Louis Horowitz. tabs J Pol & Mil Sociol 5:217-238 Fall '77

Guidance on statements by Defense officials. (Excerpt from address, West Point, June 8, 1977) Clifford L. Alexander, Jr. AF Ploy Ltr for Comdrs: Sup

Hill is losing Service touch. (Interview with Rep Bob Wilson) Andy Plattner. illus AF Times 38:22 Jan 30 '78

MILITARY-CIVIL RELATIONS - Continued

The influence of military service on political and social attitudes: A study of socialization in the German Bundeswehr. Ekkehard Lippert and others, trans by Robert Shirer. tabs Armed Forces & Soc 4:265-282 Winter '78

The military chiefs and Defense policy: Is anyone listening? Lloyd Norman. illus Army 28:14-16+ Apr '78

The NMC (National Maritime Council): Beyond the dark horizon. Joseph Volz. illus Sea Power 21: 31-33 Oct '78

The profession of arms and national security. Gen George V. Underwood, Jr, Ret. illus Air Def Mag, pp 16-21, Oct-Dec '78

(Project) Crossfeed: Closing military, civilian 'gap.' Randy Moore. AF Times 38:28 May 1 '78

Promoting military/civilian understanding--conference (First Air Force Workshop on an Informed Civilian Workforce) report makes suggestions. illus AF Times 38:4 Jan 16 '78

Submarines, SLCMs, and shipbuilding settlements. James D. Hessman. illus Sea Power 21:36-38 Jul '78

Values of today's Army. Gen Walter T. Kerwin, Jr. illus Soldiers 33:4 Sep '78

Why the Armed Forces intervened in Chile. Col R. T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

History

Armed service and nobility in the Holy Roman Empire: General aspects and Habsburg particulars. Thomas M. Barker. Armed Forces & Soc 4:449-500 Spring '78

Some observations on the Greek military in the interwar period, 1918-1935. Thanos Veremis. Armed Forces & Soc 4:527-541 Spring '78

MILITARY CONFERENCES see Conferences, MilitaryMILITARY CORRESPONDENCE see Correspondence, MilitaryMILITARY DEPENDENTS see Dependents, MilitaryMILITARY EDUCATION see Education, Scientific; Education, Technical; Education and TrainingMILITARY ENGINEERING

All in the FAMECE (Family of Military Engineer Construction Equipment). illus Natl Def pt 1. Allen O. Elkins. 58:532-535 May-Jun '74; pt 2. William R. Barwick. 62:390-391+ Mar-Apr '78

Combat engineers of the Soviet Army. C. N. Donnelly. illus Intl Def Rev 11, No. 2:193-200+ '78

Engineer. Col Gene B. Welch. Armor 87:41-44 Jul-Aug '78

Military bridges in late '80s. illus Translog 9:18 Jan '78

(Military engineering--a national asset) Interview. LtGen John W. Morris. illus Mil Engr 70:234-237 Jul-Aug '78

MILITARY ENGINEERING - Continued

Offshore technology. Regular feature in issues of Military Engineer

(Soviet) engineer support to water crossings. illus tabs Intl Def Rev 11, No.2:201-203 '78

Equipment

The M-9 armored tractor joins the engineer team. William R.Barwick. illus Natl Def 63:22-23 Sep-Oct '78

History

The nation builders. Lawrence P.Grayson. illus Soldiers 33:12-13 May '78

MILITARY EXPORT SALES see Arms Sales

MILITARY HISTORIANS

BrigGen S. L. A. Marshall, noted historian, dies (Dec 17, 1977). MarCor Gaz 62:4 Feb '78

A memory in words. (USAF historical program) SMSgt Harold Newcomb. illus Airman 22:2-8 Jun '78

The unit and posterity. (Task of the unit historian) Capt John M.Manguso. illus Army 28:43-47 Feb '78

MILITARY HISTORY

See also subdivision History under specific Services

African soldiers in World War II. Rita Headrick. Armed Forces & Soc 4:501-526 Spring '78

Armed service and nobility in the Holy Roman Empire: General aspects and Habsburg particulars. Thomas M.Barker. Armed Forces & Soc 4:449-500 Spring '78

Interoperability of Allied Forces in Europe: Some historical peacetime realities. Benjamin Franklin Cooling and LtCol John A.Hixson. illus Mil Rev pt 1, 58:62-73 Aug '78; pt 2, Allied interoperability between World Wars I and II. 58:67-74 Sep '78

Karl Marx and military history. LtGen P.Zhilin. illus Soviet Mil Rev No.5:9-11 May '78

Marines don't write about warfare. W.S.Lind. MarCor Gaz 62:14-15 Feb '77

The 1940 bombing of Freiburg: Fuller and the writing of military history. W.Kent Hackman. illus Aerosp Hist 25:155-158 Sep '78

On the utility of military history. Maj Donald J. Bittner. MarCor Gaz 62:18-20 May '78

Some observations on the Greek military in the interwar period, 1918-1935. Thanos Veremis. Armed Forces & Soc 4:527-541 Spring '78

To be recognized as men: The practical utility of military history. Dudley T. Cornish. illus Mil Rev 58:40-55 Feb '78

Truth of (Soviet military) history and its opponents. Col O.Rzheshesky. Soviet Mil Rev No.1:56-58 Jan '78

The unit and posterity. (Task of the unit historian) Capt John M.Manguso. illus Army 28:43-47 Feb '78

MILITARY JUSTICE

CMA is 'a civilian court.' (Interview with Deanne C. Siemer) Tom Philpott. illus AF Times 38:26 May 29 '78

GAO report on justice system: Lessen commanders' role in proceedings. AF Times 39:10 Nov 20 '78

JAG scores Court (of Military Appeals) limits on discipline. Interview. MajGen Walter D.Reed. AF Times 38:25 May 15 '78

Legal change within the United States Armed Forces since World War II. James B.Jacobs. tab Armed Forces & Soc 4:391-421 Spring '78

Military justice in peril--charge by CMA Chief Judge (Albert B.Fletcher, Jr). AF Times 39:25 Jul 31 '78

Pleadings and practice under United States v Alef. Capt Richard R.James. illus AF Law Rev 20, No.1:22-47 '78

Top CMA judge (Albert B.Fletcher, Jr) aims twin blasts at military. AF Times 38:8 May 8 '78

Use of 'scripts' in guilty pleas hit. AF Times 38:11 May 22 '78

MILITARY LAW

See also
Military Justice

United States

See also
Court of Military Appeals
Courts Martial
Uniform Code of Military Justice

Keystone of justice. MSgt Bruce N.Bant. illus Soldiers 33:47-49 Oct '78

History

Legal change within the United States Armed Forces since World War II. James B.Jacobs. tab Armed Forces & Soc 4:391-421 Spring '78

MILITARY LIFE

See also
Seamanship

Army brats: Growing up Army style. SP5 Lana Ott. illus Soldiers 33:32-36 Nov '78

Discrimination called widespread problem. (Interview with M.Kathleen Carpenter) Tom Philpott. illus AF Times 38:30-31 May 22 '78

Dr (Don M.LaGrone) pinpoints problems of service family life. AF Times 39:2 Dec 25 '78

Family policy in the Armed Forces--an assessment. Hamilton I.McCubbin and others. illus AU Rev 29:46-57 Sep-Oct '78

Few soldiers gripe about Soviet rigors. AF Times 38:34 May 15 '78

Field graders rate high in satisfaction with AF. AF Times 38:4 Feb 27 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H.Chayes. AF Times 38:14-15 Jun 5 '78

MILITARY LIFE - Continued

- Living overseas: Gearing up mentally. (Interview with Dr Sidney Werkman) Donna M. Peterson. illus AF Times 38:33 Jan 16 '78
- Men, women like military about same. Rosemary Purcell. AF Times 38:21 Jul 17 '78
- The military lifestyle: Is it a dependency trap for wives? (Interview with Lynne Dobrofsky) illus AF Times, Times Magazine sup:34-37 Sep 18 '78
- The morale of the Soviet Army: Some implications for combat effectiveness. Maj Richard A. Gabriel. illus Mil Rev 58:27-39 Oct '78
- NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78
- Only the beginning. Steve Abbott. illus Soldiers 33: 27-31 Dec '78
- People. Gen George S. Brown. illus Officer 54:27-29 Apr '78
- Quality of force issues. (Remarks, Air Force Worldwide Personnel Conference, Randolph AFB, Tex, Nov 16, 1977) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 2:9-12 Feb '78
- Quality of life in the Air Force family. Gen R.H. Ellis. TIG Brief 30:1-2 Dec 1 '78
- We owe the troops. (Remarks, Public Hearing of the President's Commission on Military Compensation, Thomas Nelson Community College, Hampton, Va, Sep 21, 1977) LtGen James A. Knight, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:24-28 Jan '78
- Where the soldiers live. Col P. Altunin. illus Soviet Mil Rev No. 10:41-43 Oct '78

History

- Close ranks and carry on. (Soldier life in the Civil War) illus Soldiers 33:46-49 Jul '78

MILITARY MANPOWER see Manpower, MilitaryMILITARY MEDICINE

- The amosist: Help at hand. (Automated Military Outpatient System) SSgt Jim Rogers. illus Soldiers 33:6-8 Feb '78
- A most unusual skill. (Automated Military Outpatient System (AMOS)) SSgt Jim Rogers. Soldiers 33: 7-8 Feb '78

MILITARY MUSIC see Music, MilitaryMILITARY OCCUPATIONSee also

Germany--Military Occupation, Allied

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.MILITARY OFFENSES see Crimes and MisdemeanorsMILITARY PLANNING

- Army command, control and communications (C³) system planning. P.J. Kenny. illus tabs Signal 32: 16-19 Jul '78
- Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78
- Defense planning: A time for breadth. Maj Richard J. Lunsford, Jr. illus Parameters 8:15-25 Mar '78

MILITARY PLANNING - Continued

- Force planning, political guidance and the decision to fight. Colin S. Gray. illus Mil Rev 58:5-16 Apr '78
- Force readiness key to meeting crisis demands. Gen Bernard W. Rogers. illus Army 28:22-25 Oct '78
- Mobilization for the apocalypse. Robert L. Goldich. illus Army 28:22-25+ May '78
- On estimating and imputing intentions. Raymond L. Garthoff. Intl Sec 2:22-32 Winter '78
- Planning a Navy: The risks of conventional wisdom. R. James Woolsey. Intl Sec 3:17-29 Summer '78
- Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No. 9:11-20 Sep '78
- Sea plan (for year) 2000. Editorial. James D. Hessman. Sea Power 21:26-28 May '78
- Sea plan (for year) 2000: Naval force planning study. tabs Armed Forces J Intl 115:32+ May '78
- Soviet long-range planning. Andrew W. Hull. tab illus Armor 87:20-23 Jul-Aug '78

MILITARY POLICE

- AFOSI and SPs: A winning team. LtGen John P. Flynn. TIG Brief 30:1 Mar 31 '78
- AFOSI, SP guide on cases issued. Ron Sanders. AF Times 38:10 Feb 20 '78
- Air Guard "hit men." (Memphis-based 164th Tactical Airlift Gp) Maj Bill E. Burk. illus Natl Guardsman 32:19+ Sep-Oct '78
- At the outer zone. (Security for Minuteman missiles) James A. George. illus Airman 22:2-9 Mar '78
- Changes in security police weapons handling requirements. TIG Brief 30:13 Mar 31 '78
- Improving physical security inspections. TIG Brief 30:5-6 Oct 6 '78
- New Air National Guard personnel security investigation procedures. TIG Brief 30:5 Oct 20 '78
- Night beat: Life in the MP's world. Sgt1C Matt Glasgow. illus Soldiers 33:6-11 Oct '78
- Open security skill, women SPs say. AF Times 39:10 Sep 11 '78
- Planning conferences for construction projects. TIG Brief 30:15 Sep 22 '78
- SPs can use dogs to sniff out cars. AF Times 39:4 Oct 9 '78
- SPs will train force of 400 investigators. AF Times 38:28 Feb 6 '78
- Security police guidelines for traffic enforcement tolerance. TIG Brief 30:22 Jul 7 '78
- Security police name 10 individual winners. illus AF Times 38:32 May 22 '78
- Security police support for the Air Reserve Forces and total force readiness. TIG Brief 30:17 Jan 20 '78
- Semiannual security inspection. TIG Brief 30:16 Feb 17 '78

MILITARY POLICY

Freedom of speech and the military. Gen T.R. Milton, Ret. AF Mag 61:37 Jul '78

Brazil

The Brazilian Armed Forces: Military policy and conventional capabilities of an emerging power. William Perry. illus tabs Mil Rev 58:10-24 Sep '78

Canada

Canada's professional military: The limits of civilianization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

The defence of Canada. Col Norman L. Dodd, Army Qtr 108:38-46 Jan '78

China (People's Republic)

China's "men on horseback": Military politics since the fall of the "Gang of Four." David Chambers. RUSI J for Def Studies 123:38-40+ Mar '78

Great Britain

Britain faces the future now. Geoffrey Pattie. illus Def & For Aff Dig 6, No.10:12+ '78

British defence policy. RUSI J for Def Studies pt 1, An international view. Ian Smart. 122:8-14; pt 2, An historian's view. P.M. Kennedy. 122:14-16+ Dec '77

Ulster: The name of the internal security game. R.B. Pengelley. illus Intl Def Rev 11, No.8: 1297-1301 '78

Japan

Japan: The new defense debate. Gen Hiroomi Kurisu. Def & For Aff Dig 6, No.10:32-33+ '78

NATO

The control of armaments. Gen Gerd Schmückle. illus NATO's Fifteen Nations 23:20+ Jun-Jul '78

The neglected threat of chemical warfare. Amoretta M. Hoeber and Joseph D. Douglass, Jr. Intl Sec 3:55-82 Summer '78

Russia

The ground forces in Soviet military policy. John Erickson. illus map Strat Rev 6:64-79 Winter '78

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L. Garthoff. Intl Sec 3: 112-147 Summer '78

The neglected threat of chemical warfare. Amoretta M. Hoeber and Joseph D. Douglass, Jr. Intl Sec 3:55-82 Summer '78

On estimating and imputing intentions. Raymond L. Garthoff. Intl Sec 2:22-32 Winter '78

Russian military strategy--a fresh look. Col David J. Cade. illus AU Rev 29:18-27 Sep-Oct '78

The size and quality of the Soviet Armed Forces and Soviet military policy. P.H. Vigor. NATO's Fifteen Nations 22:24-26+ Oct-Nov '77

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

What are the Russians up to? Les Aspin. tabs Intl Sec 3:30-54 Summer '78

Where the Soviets are vulnerable. LtCol John D. Baker, Jr. illus Army 28:22-27 Aug '78

MILITARY POLICY - ContinuedUnited States

ABM: A study in the power of public opinion. Maj R. William Highlander. illus Army 28:39-41 Aug '78

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

A bipartisan recommendation for naval supremacy: Taft-Hart "White Paper on Defense," 1978 edition. James D. Hessman. illus tab Sea Power 21: 20-22+ Jun '78

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No.1:48-70 '78

Claytor fires back; disputes new Defense strategy. L. Edgar Prina. illus Sea Power 21:30-32 Apr '78

Command and Control Communications Requirements Board (C³RB). TIG Brief 30:16 May 12 '78

End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

Farewell 'Posture Statement.' Gen George S. Brown. illus AF Mag 61:43-47 Oct '78

Is U.S. again preparing for the wrong war? Harvey A. DeWeerd. illus Army 28:26-30 Feb '78

The limits of military intervention: A propositional inventory. Morris Janowitz and Ellen P. Stern. illus Mil Rev 58:11-21 Mar '78

The military chiefs and Defense policy: Is anyone listening? Lloyd Norman. illus Army 28:14-16+ Apr '78

Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S. Brown. AF Ploy Ltr for Comdrs: Sup No.4:29-31 Apr '78

NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C.W. Borklund. Govt Exec 10:43+ Dec '78

The neglected threat of chemical warfare. Amoretta M. Hoeber and Joseph D. Douglass, Jr. Intl Sec 3:55-82 Summer '78

New Defense guidelines postulate sideline status for Navy. L. Edgar Prina. illus Sea Power 21:35-36 Feb '78

On estimating and imputing intentions. Raymond L. Garthoff. Intl Sec 2:22-32 Winter '78

The posture hearings: Congress turns spotlight on Guard-Reserve readiness, all-volunteer force, in annual review. Natl Guardsman 32:18-21+ Apr '78

'Short war' concept needs airing. MajGen Richard H. Cooper. illus Officer 54:8-9 Apr '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

Warsaw Pact

The control of armaments. Gen Gerd Schmückle. illus NATO's Fifteen Nations 23:20+ Jun-Jul '78

MILITARY POWER

See also
Aerospace Power
Sea Power

Perceptions of modern conflict: Myths, mirrors and megatons. (Remarks, Nashville Air Force Assoc, Jan 6, 1978) Gen William G. Moore, Jr. AF Ploy Ltr for Comdrs: Sup No.3:9-14 Mar '78

A world in mutation. (Address, Huntingdon College, Montgomery, Ala, Oct 14, 1977) John Patrick Walsh. illus Log Spectrum 12:5-10 Spring '78

Statistics

The Military Balance: 1977/78. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 13: entire issue Dec '77-Jan '78

The Military Balance: 1978/79. London's International Institute for Strategic Studies. illus tabs AF Mag 61:61-127 Dec '78

NATO

Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Ploy Ltr for Comdrs: Sup No.9:11-20 Sep '78

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

Russia

American perceptions of Soviet military power. Phillip A. Petersen. illus Parameters 7, No.4: 71-82 '77

Balance of power. Harold Brown. illus Command 1: entire issue Sep '78

Blueprint for abdication. Maj Kenneth G. Miller. illus AU Rev 29:31-38 May-Jun '78

NATO's cohesion, Europe's future. Maj Robert W. Chandler. illus tab AU Rev 29:8-21 May-Jun '78

The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78

Putting Soviet power in perspective. Les Aspin. tabs AEI Def Rev 2, No.3:2-14 '78

Russian military strategy--a fresh look. Col David J. Cade. illus AU Rev 29:18-27 Sep-Oct '78

Soviet strategy in the 1970's and beyond. Robert H. Donaldson. illus Parameters 8:62-71 Mar '78

(Training up for the Central Battle) (Opening remarks, 1978 Armor Conference) MajGen Thomas P. Lynch. Armor 87:30-32 Jul-Aug '78

U.S. purpose, power and the Camp David accords. Robert L. Pfaltzgraff, Jr. illus Strat Rev 6:29-33 Fall '78

Statistics

U.S., Soviet force balance compared. tabs Armed Forces J Intl 115:24-25 Jul '78

United States

Balance of power. Harold Brown. illus Command 1: entire issue Sep '78

MILITARY POWER - ContinuedUnited States - Cont'd

Blueprint for abdication. Maj Kenneth G. Miller. illus AU Rev 29:31-38 May-Jun '78

Defense planning: A time for breadth. Maj Richard J. Lunsford, Jr. illus Parameters 8:15-25 Mar '78

Defense spending: Is the budget big enough? C.W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

Evaluating DOD's view of the balance in the FY 1979 posture statements. Justin Galen. illus tabs Armed Forces J Intl 116:18-22+ Mar '78; Commentary: The FY 1979 posture statements--a congressional view. Bob Carr. 115:15-16+ Jun '78

Foreign energy sources and military power. Majs Daniel W. Christman and Wesley K. Clark. illus Mil Rev 58:3-14 Feb '78

NATO's cohesion, Europe's future. Maj Robert W. Chandler. illus tab AU Rev 29:8-21 May-Jun '78

(Relationship of military power to foreign policy) (Admiral Raymond A. Spruance Lecture, March 8, 1978) Henry A. Kissinger. Nav War Col Rev 31: 4-10 Summer '78

Technological innovation, SALT, and stable deterrence. Glenn W. Goodman, Jr. illus AU Rev 29: 22-30 May-Jun '78

U.S. purpose, power and the Camp David accords. Robert L. Pfaltzgraff, Jr. illus Strat Rev 6:29-33 Fall '78

The use of the armed forces as a political instrument. Barry M. Blechman and Stephen S. Kaplan. Nav War Col Rev 30:80-87 Spring '78

VADM Charbonnet has 'say' following retirement. RADM John B. Johnson. illus Officer 54:13+ Nov '78

Statistics

U.S., Soviet force balance compared. tabs Armed Forces J Intl 115:24-25 Jul '78

Warsaw Pact

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

MILITARY RESEARCH see Research and Development
also specific kinds of research, e.g.,
Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift Command

MILITARY SEALIFT COMMAND

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

Military Sealift Command container service--a decade of progress. Howard Cradick. illus Def Trans J 34:34-39 Jun '78

Realignment studies affect MTMC, MSC. Translog 9:16-17 Jun '78

MILITARY SERVICE, COMPULSORY

See also
National Service

MILITARY SERVICE, COMPULSORY - ContinuedEurope, Western

Mass armies in the 1970s: The debate in Western Europe. Catherine McArdle Kelleher. tabs Armed Forces & Soc 5:3-30 Fall '78

Germany (Federal Republic)

The influence of military service on political and social attitudes: A study of socialization in the German Bundeswehr. Ekkehard Lippert and others, trans by Robert Shirer. tabs Armed Forces & Soc 4:265-282 Winter '78

Russia

Universal military training in the USSR. Harriet East Scott. illus tab AF Mag 61:84-88 Mar '78

United States

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

New directions for the draft. Andy Plattner. AF Times 39:14 Dec 18 '78

Stand-by draft 'for men only.' AF Times 39:12 Dec 4 '78

MILITARY SERVICE, VOLUNTARYUnited States

All-vol: Many views, few accords. Andy Plattner. AF Times 38:19 Jul 3 '78

All-vol said harmful to U.S. readiness. AF Times 38:7 May 22 '78

The all-volunteer Army: An update. LtGen Eugene P. Forrester. illus Army 28:10-14 Dec '78

The all-volunteer Army: Is it really working? Mel R. Jones. Natl Guardsman 32:4-8 Feb '78

The all-volunteer force: Five years later. Richard V.L. Cooper. illus tab Intl Sec 2:101-131 Spring '78

The all-volunteer force: How effective for U.S. defense? Robin Beard. illus Natl Guardsman 32:6-7 Jul '78

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

Can Reserve units be ready on time? Col Irving Heymont, Ret. illus Army 28:23-26 Mar '78

Education-for-service plan gains appeal. Richard C. Barnard. AF Times 38:3 Jul 24 '78

The future of the all-volunteer force. Curtis W. Tarr. illus AU Rev 29:2-7 May-Jun '78

GAO all-vol estimate hit; many underpaid. AF Times 38:7 Feb 20 '78

Is comparability killing benefits? Study of all-vol says yes. Andy Plattner. AF Times 38:6 Jul 17 '78

Legal change within the United States Armed Forces since World War II. James B. Jacobs. tab Armed Forces & Soc 4:391-421 Spring '78

Military compensation. (Presentation, President's Commission on Military Compensation, Washington, Dec 21, 1977) Gen David C. Jones. AF Flcy Ltr for Comdrs: Sup No. 2:2-8 Feb '78

MILITARY SERVICE, VOLUNTARY - ContinuedUnited States - Cont'd

New (AF) Chief (of Staff) pledges fight for benefits. (Resumé of address, AFA 32d National Convention, Washington, Sep 17-20, 1978) Gen Lew Allen, Jr. AF Times 39:1+ Oct 2 '78

The personnel campaign issue is no longer in doubt. BrigGen Bernard E. Trainor. illus MarCor Gaz 62:22-32+ Jan '78

Policy dimensions of an integrated force. Cecile Landrum. Armed Forces & Soc 4:689-694 Summer '78

The posture hearings: Congress turns spotlight on Guard-Reserve readiness, all-volunteer force, in annual review. Natl Guardsman 32:18-21+ Apr '78

Pvt Hackett. Capt Robert B. Killebrew. illus Army 28:21-23 Jan '78

Rep Aspin (advises in study): Enlist more from low-score group. AF Times 38:6 Jul 17 '78

MILITARY SERVICE AS A PROFESSIONSee alsoCareer Program

An Air Force career. (Remarks, ROTC Dining-Out, East Texas State University, Commerce, Tex, Nov 18, 1977) BrigGen Christopher S. Adams, Jr. AF Flcy Ltr for Comdrs: Sup No. 2:16-20 Feb '78

... As mighty as the sword. (Attitudes toward military service of some illustrious men of letters) Col Lloyd J. Matthews. illus Army 28:32-40 Jan '78

Attitudinal dimensions of military professionalism: Perceptions among naval personnel. James L. Regens. tabs J Pol & Mil Sociol 5:239-257 Fall '77

Canada's professional military: The limits of civilianization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

A challenge to professionalism: Leadership selection. Roger A. Beaumont. illus Mil Rev 58:77-87 Mar '78

Chiefs knock 'salary' at pay panel (President's Commission on Military Compensation) hearings. Tom Philpott. AF Times 38:4 Jan 1 '78

Discrimination called widespread problem. (Interview with M. Kathleen Carpenter) Tom Philpott. illus AF Times 38:30-31 May 22 '78

Family policy in the Armed Forces--an assessment. Hamilton I. McCubbin and others. illus AU Rev 29:46-57 Sep-Oct '78

Field graders rate high in satisfaction with AF. AF Times 38:4 Feb 27 '78

Fort Apache or executive suite? The U.S. Army enters the 1980's. LtCol Donald B. Vought, Ret and Capt John C. Binkley. illus Parameters 8:21-34 Jun '78

Gen (David C.) Jones testifies (before President's Commission on Military Compensation, Dec 21, 1977). AF Times 38:4+ Jan 1 '78

Is 'voting with our feet' the only answer? Maj Michael D. Clark. illus Army 28:46-49+ Jun '78

A junior officer's view. 1stLt Thomas M. Hall. illus AU Rev 29:70-76 Jan-Feb '78

MILITARY SERVICE AS A PROFESSION - Continued

Military compensation. (Presentation, President's Commission on Military Compensation, Washington, Dec 21, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 2:2-8 Feb '78

The military man as leader and manager. Royal Air Forces Qtr 18:69-74 Spring '78

Opening a window on NCO professionalism. MSgt Danny Snyder. Army 28:16-18 Dec '78

People. Gen George S. Brown. illus Officer 54:27-29 Apr '78

Personalizing Air Force operations. TIG Brief 30:16 Nov 3 '78

(The profession of arms) (Address, Academic Convocation, 94th class, Naval War College, Aug 15, 1977) Edward Hidalgo. Nav War Col Rev 30:3-8 Winter '78

The profession of arms and national security. Gen George V. Underwood, Jr, Ret. illus Air Def Mag, pp 16-21, Oct-Dec '78

A professional ethic for the military? Gen Maxwell D. Taylor, Ret. Army 28:18-21 May '78

Professionalism--a broader perspective. CDR Stephen B. Sloane. illus Nav War Col Rev 30:42-57 Spring '78

Services losing friends, but not as fast as before. Paul Smith. AF Times 38:28 Apr 24 '78

Stress idea of serving, panel (House Armed Services Committee) says. AF Times 38:23 May 29 '78

Why pilots get out. Gen T.R. Milton, Ret. AF Mag 61:138 Sep '78

MILITARY STANDARD REQUISITIONING AND ISSUE PROCEDURES

SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE see Military Traffic Management CommandMILITARY TRAFFIC MANAGEMENT COMMAND

By truck, by train, by ship, by plane. illus Translog 9:15 Aug '78

The computer does the walking. 1stLt Gary Magrino. illus Translog 9:16-17 Jan '78

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

The industry/defense transportation team. (Excerpts from remarks, Seapower Symposium, San Francisco, March 3, 1978) MajGen H.R. Del Mar. Translog 9:6-8 Apr '78

(MTMC Awards) "For Excellence in Traffic Management" (made during NDTA's 33d Forum and Exposition, 1978). illus Translog 9:4-5 Oct '78

MTMC supports rail merger (Burlington and St Louis-San Francisco Railway Co). Translog 9: inside front cover + Jun '78

MILITARY TRAFFIC MANAGEMENT COMMAND -

Continued

MTMC's other half. (5th MTMC Reserve Conference, Washington, Nov 4-5, 1978) illus Translog 9:15-18 Nov-Dec '78

New Orleans leases MTMC berths. illus Translog 9:16 May '78

Okinawa passes the bullets (to Korea). Capt Edward A. Kronholm. illus Translog 9:15-17 Oct '78

Partnership for efficiency: The ITO and personal property/passenger traffic. (Seminar, Oakland, Calif, Nov 1977) Dan Hall. illus Translog 9:5-6 Jan '78

Realignment studies affect MTMC, MSC. Translog 9:16-17 Jun '78

"Total system" transportation management (at MTMC Terminal, Yokohama). illus map Translog 9:2-5 Mar '78

Transporting gear by mail a flop. Len Famiglietti. AF Times 39:3 Sep 11 '78

Unique challenges and opportunities: The ITO (Installation Transportation Officer) and small shipments. Maj Glenn Ahrenholz. illus Translog 9: 2-4 Jan '78

Directories

Military Traffic Management Command: Staff directory. Translog 9:10-11 Feb '78

History

MTMC at 13. illus Translog 9:5-7 Feb '78

MILITARY UNIONSSee also

Labor Unions

Hill staff rewrites Senate union ban. AF Times 38:2 Feb 6 '78

House panel (Armed Services Committee) OKs union ban. AF Times 38:10 Mar 13 '78

House panel (Armed Services Investigations Subcommittee) approves antiunion bill. AF Times 38:37 Feb 20 '78

Military unions are possible, if ... 2dLt R.D. Steele. MarCor Gaz 62:13 Aug '78

Military unions for the U.S.: The irrelevance of the European experience. Col William J. Taylor, Jr. tab illus Nav War Col Rev 30:79-88 Winter '78

New DOD Directive (1354.1) on collective bargaining. AF Plcy Ltr for Comdrs: Sup No. 1:37-39 Jan '78

Personalizing Air Force operations. TIG Brief 30:16 Nov 3 '78

Religious groups wary of ban (on unionization of the Armed Forces). Richard C. Barnard. AF Times 39:4 Nov 20 '78

Three strikes; is the union out? Capt P.G.C. Coulter. illus MarCor Gaz 62:22-27 Aug '78

A year after Senate action, House OKs bill to ban unions in the military. AF Times 39:4 Oct 9 '78

MILLER, George H.

Crisis and commitment (in a shipping and shipbuilding crisis). RADM George H. Miller, Ret. Sea Power 21:20-26 Jan '78

MILLER, Gerald H.

Who speaks for the military? VADM G. E. Miller, Ret. Armed Forces J Intl 114:20-21 Mar '77

MILLER, John H.

USMC needs effective EW systems. MajGen John H. Miller. MarCor Gaz 62:14+ Aug '78

MILLER, Richard A.

Readiness--a matter of cost. MajGen Richard A. Miller. por Natl Guardsman 32:1+ Jan '78

MILLER, Thomas H., Jr

The impact of the FY-79 budget on Marine Aviation. LtGen Thomas H. Miller, Jr. MarCor Gaz 62: 27-29 May '78

MILTON, Theodore R.

Air defense at a crossroads. Gen T.R. Milton, Ret. AF Mag 61:40 Feb '78

Airpower and U.S. interests in the Pacific. Gen T.R. Milton, Ret. AF Mag 61:130-134+ Sep '78

The Berlin Airlift. Gen T.R. Milton, Ret. AF Mag 61:57-65 Jun '78

CENTO and U.S. Mideast policy. Gen T.R. Milton, Ret. AF Mag 61:21 Apr '78

Eurocommunism. Gen T.R. Milton, Ret. AF Mag 61:37 Jan '78

Freedom of speech and the military. Gen T.R. Milton, Ret. AF Mag 61:37 Jul '78

How we backed into Vietnam. Gen T.R. Milton, Ret. AF Mag 61:33 May '78

A prudent (NATO) peripheral perspective. Gen T.R. Milton, Ret. AF Mag 61:30 Mar '78

Rationalizing--a NATO solution. Gen T.R. Milton, Ret. Natl Def 62:324-326 Jan-Feb '78

Why pilots get out. Gen T.R. Milton, Ret. AF Mag 61:138 Sep '78

MINE DETECTION AND DETECTORS

METEX and FEREX--state-of-the-art hand-held mine detectors. Hanns Peter Trinkaus. illus Intl Def Rev 11, No.9:1482-1484 '78

Minewarfare--policy or palsy? LtComdr G.R. Spooner. tabs illus RUSI J for Def Studies 123: 52-57 Mar '78

The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No.9: 1472-1476 '78

MINE WARFARE

METEX and FEREX--state-of-the-art hand-held mine detectors. Hanns Peter Trinkaus. illus Intl Def Rev 11, No.9:1482-1484 '78

MINE WARFARE - Continued

Mines come of age. 1stLt Richard B. Grant. illus MarCor Gaz 62:35-38 Aug '78

Minewarfare--policy or palsy? LtComdr G.R. Spooner. tabs illus RUSI J for Def Studies 123: 52-57 Mar '78

Preparing for mine warfare (Exercise Palm Tree). Maj H.W. McGee. MarCor Gaz 62:12 Aug '78

Tank-delivered scatterable mines. Maj Michael A. Andrews. illus Mil Rev 58:34-39 Dec '78

MINERALSSee also

Ocean Mining

Africa and Western lifelines. W.C.J. van Rensburg. illus tab Strat Rev 6:41-50 Spring '78

Asbestos health hazards. TIG Brief 30:18 Nov 17 '78

Caution advised in asbestos use. AF Times 39:4 Nov 27 '78

MINES AND MINE-LAYING

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

The Channel Command: Jugular vein of NATO. Adm Henry Leach. illus map NATO's Fifteen Nations 23:38-40+ Oct-Nov '78

The M-56 scatterable mine system. CW4 Frank W. Kervin. illus tab USA Avn Dig 24:44-46 Apr '78

Mines come of age. 1stLt Richard B. Grant. illus MarCor Gaz 62:35-38 Aug '78

Tank-delivered scatterable mines. Maj Michael A. Andrews. illus Mil Rev 58:34-39 Dec '78

WAAM (Wide Area Anti-armour Munitions)--the U.S. Air Force's next generation of anti-armour weapons. R.D.M. Furlong. illus Intl Def Rev 11, No.9: 1378-1379 '78

MINESWEEPERS AND MINESWEEPING

Helicopter minesweeping operations. LT R.M. Davis. illus Intl Def Rev 11, No.3:385-388 '78

Minewarfare--policy or palsy? LtComdr G.R. Spooner. tabs illus RUSI J for Def Studies 123: 52-57 Mar '78

The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No.9: 1472-1476 '78

MINING, OCEAN see Ocean MiningMINORITIESSee also

Race Relations

also specific groups, e.g.,

American Indians

Blacks in the Armed Forces

Eskimos

Helping Hispanic careers. AF Times 38:10 Jan 23 '78

How race may change the Army. Def & For Aff Dig 6, No.7:32-33 '78

MINORITIES - Continued

Minority businesses taking wing under the Air Force. MajGen James W. Stansberry. illus Def Mgt J 14: 40-43 Jan '78

Public law 95-507: Will it create another monster? (A critique of small business contracting) Jean Skorupski. Govt Exec 10:53-54 Dec '78

Se habla español. (Mexican-American contributions at Kelly AFB, Tex) SMSgt Harold Newcomb. illus Airman 22:11-16 Sep '78

The silent minority. MSgt Matt Glasgow. illus Soldiers 33:13-15 Nov '78

Small/minority business contracting: Why government's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

MISSILE BASES

See also
Missile Sites

MISSILE COMBAT COMPETITIONS

Batting "1,000." Maj John A. Reichley. illus Soldiers 33:26-27 Jul '78

Minot (AFB, ND) wing (91st Strategic Missile Wing) takes Blanchard Trophy. AF Times 38:38 May 22 '78

Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78

The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78

We're number one! (Olympic Arena '78--trophy winners and competition highlights) illus Combat Crew 28:2-3+ Jun '78

MISSILE CREWS

See also
Missile Training

Minot (AFB, ND) wing (91st Strategic Missile Wing) takes Blanchard Trophy. AF Times 38:38 May 22 '78

Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78

Tailoring for TOW. 1stLt John J. Midgley. illus Armor 87:19-21 May-Jun '78

Titans await more women: EM board delayed. AF Times 38:21 Jan 23 '78

The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78

We're number one! (Olympic Arena '78--trophy winners and competition highlights) illus Combat Crew 28:2-3+ Jun '78

MISSILE DEFENSE

See also
Missiles--Interception

ABM: A study in the power of public opinion. Maj R. William Highlander. illus Army 28:39-41 Aug '78

Acousto-optics probed for ICBM defense. James Fawcette. illus Elect Warfare/Def Elect 10:49+ Apr '78

MISSILE DEFENSE - Continued

Cruise missiles and their implications for Western European defence. WgComdr D. J. Loveridge. Royal Air Forces Qtr 18:34-43 Spring '78

Cruise missiles in Europe--will Europe have a say? Intl Def Rev 11, No.7:1010 '78

The Dagale EW decoy launcher--an antimissile self-defense system for the '80s. R. Beulier. illus tab Intl Def Rev 11, No.8:1307-1308 '78

Defense spending: Is the budget big enough? C. W. Borklund. illus tabs Govt Exec 10:16+ Apr '78

House debate (Rep Samuel S. Stratton and Rep Bob Carr) intensifies on strategic vulnerability. illus Armed Forces J Intl 115:8+ Feb '78

JFK and LBJ consider aerospace defense. Gen Laurence S. Kuter, Ret. illus Aerosp Hist 25:1-4 Mar '78

Modern air defense. Col H. J. Braune. illus Aerosp Intl 14:4-6+ Jun-Jul '78

Soviets to have jump on ICBMs in '80-'81: Sobering and disturbing study. Samuel S. Stratton. illus Officer 54:14 Mar '78

Strategic deterrence and the cruise missile. LCDR Edward J. Ohlert. illus tab Nav War Cpl Rev 30: 21-32 Winter '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

U.S. is increasingly vulnerable to Soviet attack, study (by House Armed Services Committee) says. AF Times 38:11 Jan 1 '78

Equipment

Man-portable air defense systems: A comparison. Capt Rhoi M. Maney. illus Air Def Mag, pp 19-23, Oct-Dec '77

MISSILE INDUSTRY AND TRADE

Hanover (Air Show) '78: The expected stars. illus Aerosp Intl 14:8-10+ Apr-May '78

ILA (International Aerospace Exhibition) '78: Military perspectives at Hanover. illus Intl Def Rev 11, No.5:701-704+ '78

The missile tables: Strategic; tactical. Tables only. Def & For Aff Dig 6, No.2:29-34+ '78

Roland: Exchange of expertise. illus Natl Def 62: 549-550+ May-Jun '78

International Aspects

Europe's missiles. John Fullerton. illus Def & For Aff Dig 6, No.2:20-22 '78

Europe, Western

Europe's missiles. John Fullerton. illus Def & For Aff Dig 6, No.2:20-22 '78

United States

Cruise missiles. (Design profile, no. 39) Maurice Allward. tab illus (Also cutaway) Air Pict 40:8-13 Jan '78

Production "greased" for Roland. Murry Shohat. illus tab Mil Elect/Countermeasures 4:28+ Sep '78

MISSILE INDUSTRY AND TRADE - ContinuedUnited States - Cont'd

U.S. cruise missile progress. H. Lucas. illus Intl Def Rev 11, No. 7:1037-1042 '78

MISSILE MAINTENANCE

MMICS (Maintenance Management Information and Control System)/redundant systems in missile maintenance. TIG Brief 30:10 Feb 3 '78

Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78

The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78

MISSILE RANGES see Missile Test CentersMISSILE SITES

At the outer zone. (Security for Minuteman missiles) James A. George. illus Airman 22:2-9 Mar '78

MISSILE TEST CENTERS

After liftoff--range safety is essential. Capt Carl Kaminski. illus Combat Crew 28:8-11 Jan '78

MX impact to be limited. AF Times 38:35 Feb 13 '78

MISSILE TRAINING

Complex training of a launching battery. Col V. Ivanov. illus Soviet Mil Rev No. 3:19-20 Mar '78

The guns of III Corps (Artillery). SSgt John Savard. illus Soldiers 33:45-47 Mar '78

Improving missilemen's proficiency. LtCol V. Obukhov. illus Soviet Mil Rev No. 2:34-35 Feb '78

Improving TOW training. Maj V. Paul Baerman and SSgt Lawrence E. Wilke. illus Armor 87:15-18 May-Jun '78

Skill retention and refresher training. Michael H. Strub. illus tabs Air Def Mag, pp 35-37, Apr-Jun '78

25 enlisted women due Titan II missile training. AF Times 38:2 Mar 20 '78

MISSILE TYPE

See also
Missiles

ALCM

Cruise missiles. (Design profile, no. 39) Maurice Allward. tab illus (Also cutaway) Air Pict 40:8-13 Jan '78

Joint strategic mission. (Remarks, Cornstock Club, Sacramento, Calif, March 27, 1978) Gen Richard H. Ellis. AF Ploy Ltr for Comdrs: Sup No. 6:9-15 Jun '78

A strategic blueprint for the '80s. (Strategic Air Command is adjusting its concepts of deterrence) Edgar Ulsamer. illus AF Mag 61:47-48+ Sep '78

Aegis

AEGIS: Shield of the fleet of the 80s. Charles DeVore. illus Signal 33:46-47 Oct '78

Bomarc

Taking on the Bomarc. Lt Dan Logan. illus Interceptor 20:13-15 Apr '78

MISSILE TYPE - ContinuedChaparral

Skill retention and refresher training. Michael H. Strub. illus tabs Air Def Mag, pp 35-37, Apr-Jun '78

Copperhead

Copperhead. Maj Robert A. Doughty. illus Armor 87:45-47 Mar-Apr '78

Design-to-unit-production-cost and the Copperhead (cannon-launched, laser-guided antitank projectile) program. Leonard J. Wroten. illus tabs Def Mgt J 14:40-47 Mar '78

Dragon

Dragon--one-man tank killer. K.C. Oh. illus tab Intl Def Rev 11, No. 7:1082-1084 '78

HELLFIRE

HELLFIRE (HELicopter Launched FIRE and forget): A weapon system whose time has come. Maj Jeffrey H. Thomason. illus USA Avn Dig 24:4-7 May '78

Using laser technology on the modern battlefield. Maj R. Edwards and L. Weeks. illus MarCor Gaz 62:35-40 Mar '78

MX

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

MX impact to be limited. AF Times 38:35 Feb 13 '78

Maverick

How to improve your chances for the big bang instead of the big fizzle. TIG Brief 30:5 May 26 '78

LAU-88 missile launcher shortages. TIG Brief 30:10 Mar 31 '78

Using laser technology on the modern battlefield. Maj R. Edwards and L. Weeks. illus MarCor Gaz 62:35-40 Mar '78

Minuteman

After liftoff--range safety is essential. Capt Carl Kaminski. illus Combat Crew 28:8-11 Jan '78

At the outer zone. (Security for Minuteman missiles) James A. George. illus Airman 22:2-9 Mar '78

Minuteman operational review. TIG Brief 30:8 Aug 25 '78

Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

Today's mighty Minuteman. William A. Kinney. (Reprinted from Airman, Feb 1969) illus Airman 22:39-43 Dec '78

Patriot

Automated operation with human control--a key feature of Patriot. LtCol Eugene Naegels, Ret. illus tab Air Def Mag, pp 17-23, Jul-Sep '78

DOD favors surface-to-surface version of Patriot for "assault breaker" role. illus Armed Forces J Intl 115:13 Aug '78

MISSILE TYPE - ContinuedPatriot - Cont'd

Multifunction phased array radar: A key feature of Patriot. LtCol Eugene L. Naegele, Ret. illus Air Def Mag, pp 37-40, Oct-Dec '77

(New Army air defense system--Patriot) Signal 32:71 Apr '78

Track via missile guidance. LtCol Eugene L. Naegele, Ret. illus Air Def Mag, pp 12-16, Jan-Mar '78

Pershing

AF advised (by House Armed Services Committee) to develop Army missile. AF Times 38:23 May 29 '78

Phoenix

AWG-9/Phoenix--further improvements on the way. A.J. Wallis. illus tab Intl Def Rev 11, No. 6:892-896 '78

(Advanced version of U.S. Navy's Phoenix under development) Signal 32:67 Apr '78

Polaris

The need for Trident. Gerard Keith Burke. illus tabs US Nav Inst Proc 104:32-41 Nov '78

Poseidon

The need for Trident. Gerard Keith Burke. illus tabs US Nav Inst Proc 104:32-41 Nov '78

Redeye

SHORAD (SHort Range Air Defense) requirements of the Armored Cavalry Regiment. Maj William F. Daugherty. illus tabs Air Def Mag, pp 7-11, Jan-Mar '78

Roland

Production "greased" for Roland. Murry Shohat, illus tab Mil Elect/Countermeasures 4:28+ Sep '78

Roland: Army's leading "case-in-point." Govt Exec 10:23 Mar '78

Roland: Exchange of expertise. illus Natl Def 62: 549-550+ May-Jun '78

Technology transfer and the U.S. Roland missile. J. Philip Geddes. illus tab Interavia 33:1095-1099 Nov '78

U.S. Roland: A comprehensive update. illus Air Def Mag, pp 37-39, Jan-Mar '78

U.S. Roland: A milestone in technology transfer. BrigGen Frank P. Ragano. illus Def Mgt J 14:3-10 May '78

See Patriot

SAM - DSLCM

Antiship cruise missiles. CAPT William J. Ruhe, Ret. illus Natl Def 63:30-32+ Nov-Dec '78

Cruise missiles. (Design profile, no. 39) Maurice Allward. tab illus (Also cutaway) Air Pict 40:8-13 Jan '78

Potential Soviet responses to the U.S. submarine threat in the 1980s. Andrew W. Hull. illus US Nav Inst Proc 104:24-30 Jul '78

MISSILE TYPE - ContinuedSLCM - Cont'd

Submarines, SLCMs, and shipbuilding settlements. James D. Hessman. illus Sea Power 21:36-38 Jul '78

To the cruise missile: RPV application of Tomahawk cruise missile. Robert A. Lynch and others. illus Remotely Piloted Mag 6:5-6+ Jan '78

Sidewinder

Sidewinder: Durable free world defender. Harold J. Roop. illus Natl Def 63:30-32 Sep-Oct '78

Stinger

USMC involved in Stinger development. MGySgt C.L. Norris. MarCor Gaz 62:59-60 Mar '78

TOW

Improving TOW training. Maj V. Paul Baerman and SSgt Lawrence E. Wilke. illus Armor 87:15-18 May-Jun '78

The indirect fire threat (to Army Aviation). Capt Robert K. Stephan. illus USA Avn Dig 24:15-17 Jul '78

TOW: Free World standard for precision. Richard Hartman. illus Elect Warfare/Def Elect 10:35-36+ Dec '78

Tailoring for TOW. 1stLt John J. Midgley. illus Armor 87:19-21 May-Jun '78

Update on TOW. John Marriott. illus NATO's Fifteen Nations 23:116-119 Apr-May '78

Titan

Day by day. Capt Ken Garrett. illus Combat Crew 28:8-12+ Nov '78

New crane for Titan II. Maj Thomas M. Gilbert. illus Combat Crew 28:22-23 Apr '78

Titans await more women: EM board delayed. AF Times 38:21 Jan 23 '78

The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78

Tomahawk

See SLCM

Trident

The need for Trident. Gerard Keith Burke. illus tabs US Nav Inst Proc 104:32-41 Nov '78

Potential Soviet responses to the U.S. submarine threat in the 1980s. Andrew W. Hull. illus US Nav Inst Proc 104:24-30 Jul '78

Undersea warfare: A stable segment of the U.S. defense posture. Larry L. Booda. illus Def & For Aff Dig 6, No. 5:4-5+ '78

MISSILE UNITSUnited States

Day by day. Capt Ken Garrett. illus Combat Crew 28:8-12+ Nov '78

Minot (AFB, ND) wing (91st Strategic Missile Wing) takes Blanchard Trophy. AF Times 38:38 May 22 '78

MISSILE UNITS - ContinuedUnited States - Cont'd

Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78

SAC's 90th SMW (Strategic Missile Wing) demonstrates safety in action. illus Combat Crew 28:4-7+ Feb '78

The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78

We're number one! (Olympic Arena '78--trophy winners and competition highlights) illus Combat Crew 28:2-3+ Jun '78

MISSILESSee also

Rockets

Arms control and strategic stability. Peter Hughes. illus tabs AF Mag 61:56-64 Apr '78

Countering the threat to airbases. Yves Robins. illus Aerosp Intl 14:6+ Feb-Mar '78

Cruise missiles and their implications for Western European defence. WgComdr D.J. Loveridge. Royal Air Forces Qtr 18:34-43 Spring '78

Cruise missiles, NATO and the "European option." Hans Rühle. illus Strat Rev 6:46-52 Fall '78

FPB (Fast Patrol Boats) weapon systems' lethality leaps. illus map Elect Warfare/Def Elect 10:45-46+ Dec '78

International initiatives for missiles. G.R. Wenninger. illus Mil Elect/Countermeasures pt 1, 4:23+ Nov '78; pt 2, 4:46+ Dec '78

The missile tables: Strategic; tactical. Tables only. Def & For Aff Dig 6, No. 2:29-34+ '78

Technology in modern maritime affairs. Capt J.E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

Characteristics

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 61:108 Mar '78

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 61:106-108 Mar '78

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 61:109 Mar '78

Gallery of USAF weapons: Airborne tactical and defence missiles. illus AF Mag 61:126-127+ May '78

Gallery of USAF weapons: Strategic missiles. illus AF Mag 61:125-126 May '78

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

The missile tables: Strategic; tactical. Tables only. Def & For Aff Dig 6, No. 2:29-34+ '78

Soviet air-launched cruise missiles--irrelevant to SALT II? Alexander Malzeyev. illus tabs map Intl Def Rev 11, No. 1:41-45 '78

Tailoring for TOW. 1stLt John J. Midgley. illus Armor 87:19-21 May-Jun '78

MISSILES - ContinuedComponents

Man-portable air defense systems: A comparison. Capt Rhoi M. Maney. illus Air Def Mag, pp 19-23, Oct-Dec '77

Countermeasures

See Missile Defense

Fuels

See Propellants

Guidance and Control

After liftoff--range safety is essential. Capt Carl Kaminski. illus Combat Crew 28:8-11 Jan '78

Computer guidance for the cruise missile. Charles DeVore. illus Signal 32:66-69 Jan '78

The cruise missile. John Marriott. Army Qtr 107:399-404 Oct '77

Precision guided munitions. John Marriott. illus NATO's Fifteen Nations 22:114-118+ Oct-Nov '77

Software spoken here. Maj Charles E. Stephens. illus Air Def Mag, pp 21-25, Apr-Jun '78

Track via missile guidance. LtCol Eugene L. Naegele, Ret. illus Air Def Mag, pp 12-16, Jan-Mar '78

History

Cruise missiles. (Design profile, no. 39) Maurice Allward. tab illus (Also cutaway) Air Pict 40:8-13 Jan '78

Interception

The cruise missile. John Marriott. Army Qtr 107:399-404 Oct '77

Launching

After liftoff--range safety is essential. Capt Carl Kaminski. illus Combat Crew 28:8-11 Jan '78

Countdown for safety--the 1st STRAD (STRategic Aerospace Division). illus Combat Crew 28:4-7+ Jul '78

The Dagaie EW decoy launcher--an antimissile self-defense system for the '80s. R. Beulier. illus tab Intl Def Rev 11, No. 8:1307-1308 '78

LAU-88 missile launcher shortages. TIG Brief 30:10 Mar 31 '78

Study and Teaching

Complex training of a launching battery. Col V. Ivanov. illus Soviet Mil Rev No. 3:19-20 Mar '78

Maintenance and Repair

See Missile Maintenance

Safety Measures

After liftoff--range safety is essential. Capt Carl Kaminski. illus Combat Crew 28:8-11 Jan '78

Countdown for safety--the 1st STRAD (STRategic Aerospace Division). illus Combat Crew 28:4-7+ Jul '78

Day by day. Capt Ken Garrett. illus Combat Crew 28:8-12+ Nov '78

Training pays off--again! TIG Brief 30:3 Apr 14 '78

MISSILES - ContinuedTesting

Countdown for safety--the 1st STRAD (STRategic Aerospace Division). illus Combat Crew 28:4-7+ Jul '78

U.S. cruise missile progress. H. Lucas. illus Intl Def Rev 11, No.7:1037-1042 '78

Tracking

Track via missile guidance. LtCol Eugene L. Naegle, Ret. illus Air Def Mag, pp 12-16, Jan-Mar '78

Transportation

Forward area alerting radar. 1stLt Manuel E. Gonzalez. illus Air Def Mag, pp 30-32, Apr-Jun '78

Warheads

Enhanced radiation warheads: Setting the record straight. S.T. Cohen. illus tab Strat Rev 6:9-17 Winter '78

The neutron bomb: Proceed, but with caution. Bob Carr. tabs NATO's Fifteen Nations 22:50-52+ Dec '77-Jan '78

The neutron warhead: Stormy past, uncertain future. LtCol Alex A. Vardamis. illus Parameters 8:40-48 Mar '78

Europe, Western

Europe's missiles. John Fullerton. illus Def & For Aff Dig 6, No.2:20-22 '78

Germany (Federal Republic)

Kormoran, the German Fleet Air Arm's anti-ship missile. Rudi Meller. illus tab Intl Def Rev 11, No.2:185-189 '78

Great Britain

Crystal ball, Mark I (short range). ACM Christopher Foxley-Norris. Army Qtr 108:14-20 Jan '78

NATO

Anti-ship warfare. George Rogers. illus Intl Def Rev 11, No.3:347-350 '78

Countering the threat to airbases. Yves Robins. illus Aerosp Intl 14:6+ Feb-Mar '78

Cruise missiles in Europe--will Europe have a say? Intl Def Rev 11, No.7:1010 '78

Cruise missiles, NATO and the "European option." Hans Rühle. illus Strat Rev 6:46-52 Fall '78

NATO to have 193,000 anti-tank missiles by end '78 vs 18,000-20,000 Pact tanks. Armed Forces J Intl 115:14 Jan '78

NATO's new cautious optimism. Edgar Ulsamer. illus AF Mag 61:37-42 Jun '78

Russia

Air defense of Soviet ground forces. Col Daniel K. Malone. illus tab AF Mag 61:78-83 Mar '78

Already in service: The 2d generation of Soviet anti-tank missiles. illus Intl Def Rev 11, No.1: 15-17 '78

Anti-ship warfare. George Rogers. illus Intl Def Rev 11, No.3:347-350 '78

MISSILES - ContinuedRussia - Cont'd

The arms race: Is paranoia necessary for security? George B. Kistiakowsky. illus Def Monitor 7: entire issue Mar '78

Disarmament: Thirty years of failure. Wayland Young. Intl Sec 2:33-50 Winter '78

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 61:108 Mar '78

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 61:106-108 Mar '78

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 61:109 Mar '78

House debate (Rep Samuel S. Stratton and Rep Bob Carr) intensifies on strategic vulnerability. illus Armed Forces J Intl 115:8+ Feb '78

If NATO gets cruise, Cuba will, too: Soviets. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21: 26-27 Apr '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78

Soviet air-launched cruise missiles--irrelevant to SALT II? Alexander Malzeyev. illus tabs map Intl Def Rev 11, No.1:41-45 '78

Soviet rocket forces: Military capability, political utility. Colin S. Gray. illus tab AF Mag 61:49-55 Mar '78

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78

Soviets to have jump on ICBMs in '80-'81: Sobering and disturbing study. Samuel S. Stratton. illus Officer 54:14 Mar '78

The technological level of Soviet industry. John Fullerton. Def & For Aff Dig 6, No.1:30-31+ '78

The threat: The SA-9 Gaskin. illus USA Avn Dig 24: 44 Aug '78

The wartime role of Soviet SSBNs. CDR Richard T. Ackley, Ret. illus US Nav Inst Proc 104:34-42 Jun '78

History

Soviet rocket forces: Military capability, political utility. Colin S. Gray. illus tab AF Mag 61:49-55 Mar '78

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

Sweden

Infrared air-to-surface missile system in development--new Swedish system to satisfy operational need for short to medium range IR ASM. illus Elect Warfare/Def Elect 10:30-31 Dec '78

United States

See also
Missile Type

MISSILES - ContinuedUnited States - Cont'd

[AMRAAM (Advanced Medium Range Air-to-Air Missile)] + [A-109] = interoperability. Murry Shohat. tabs Mil Elect/Countermeasures 4:50+ Sep '78

Anti-ship warfare. George Rogers. illus Intl Def Rev 11, No.3:347-350 '78

The arms race: Is paranoia necessary for security? George B. Kistakowsky. illus Def Monitor 7: entire issue Mar '78

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The cruise missile. John Marriott. Army Qtr 107: 399-404 Oct '77

The cruise missile and the strategic balance. Robert Kennedy. illus Parameters 8:49-61 Mar '78

Cruise missile--"full IOC" date problem for Pentagon, defensive one for USSR. Armed Forces J Intl 115:20 Jul '78

Cruise missiles and their implications for Western European defence. WgComdr D. J. Loveridge. Royal Air Forces Qtr 18:34-43 Spring '78

Cruise missiles: Quality, not quantity? Editorial. Bill Walsh. illus Mil Elect/Countermeasures 4:20 Nov '78

Developments in air warfare. George E. Blackshaw. illus tabs Natl Def 63:42-46+ Sep-Oct '78

Hard running: The U.S. has not dropped out of the nuclear arms race. tab Def Monitor 7: entire issue Sep-Oct '78

House debate (Rep Samuel S. Stratton and Rep Bob Carr) intensifies on strategic vulnerability. illus Armed Forces J Intl 115:8+ Feb '78

How DOD maintains strategic deterrence through technology. William J. Perry. illus Command 1: entire issue Aug '78

If NATO gets cruise, Cuba will, too: Soviets. Col Robert D. Heintz, Jr. Ret. illus Sea Power 21: 26-27 Apr '78

Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis. illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78

(Joint Navy/Air Force Cruise Missiles Project) Interview. RADM Walter M. Locke. illus Mil Elect/Countermeasures 4:18+ Sep '78

Missiles and astronautics. Regular feature in some issues of National Defense

The multirole cruise missile. Bill Walsh. illus tab Mil Elect/Countermeasures 4:42-44+ Sep '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78

Sidewinder: Durable free world defender. Harold J. Roop. illus Natl Def 63:30-32 Sep-Oct '78

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78

MISSILES - ContinuedUnited States - Cont'd

Soviets to have jump on ICBMs in '80-'81: Sobering and disturbing study. Samuel S. Stratton. illus Officer 54:14 Mar '78

Strategic deterrence and the cruise missile. LCDR Edward J. Ohlert. illus tab Nav War Col Rev 30: 21-32 Winter '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

Technological innovation, SALT, and stable deterrence. Glenn W. Goodman, Jr. illus AU Rev 29: 22-30 May-Jun '78

U.S. cruise missile progress. H. Lucas. illus Intl Def Rev 11, No.7:1037-1042 '78

History

Cruise missiles. (Design profile, no. 39) Maurice Allward. tab illus (Also cutaway) Air Pict 40:8-13 Jan '78

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

The world's first cruise missiles (aerial torpedoes). LtCol H. F. "Red" Smith, Ret. (Reprinted from Air Force Magazine, Oct 1977) illus Remotely Piloted Mag 6:3-4 Jan '78

United States--Air Force

AF advised (by House Armed Services Committee) to develop Army missile. AF Times 38:23 May 29 '78

Air Force R&D programs. LtGen Alton D. Slay. illus Natl Def pt 1, 62:386-389 Mar-Apr '78; pt 2, 62: 551-552+ May-Jun '78

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 61:126-127+ May '78

Gallery of USAF weapons: Strategic missiles. illus AF Mag 61:125-126 May '78

MX advanced ICBM. (Air Force Assoc policy paper) AF Mag 61:2-3 Apr '78

The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

A strategic blueprint for the '80s. (Strategic Air Command is adjusting its concepts of deterrence) Edgar Ulsamer. illus AF Mag 61:47-48+ Sep '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

White House, DOD view deployment of 11,000 nuclear cruise missiles. Benjamin F. Schemmer. illus Armed Forces J Intl 115:9-10 May '78

United States--Army

AF advised (by House Armed Services Committee) to develop Army missile. AF Times 38:23 May 29 '78

Airborne air defense artillery weapons system. Capt Edward H. Littlejohn III. illus USA Avn Dig 24:2-7 Mar '78

DOD favors surface-to-surface version of Patriot for "assault-breaker" role. illus Armed Forces J Intl 115:13 Aug '78

Design-to-unit-production-cost and the Copperhead (cannon-launched, laser-guided antitank projectile) program. Leonard J. Wroten. illus tabs Def Mgt J 14:40-47 Mar '78

MISSILES - ContinuedUnited States--Army - Cont'd

(New Army air defense system--Patriot) Signal 32:71 Apr '78

Roland: Exchange of expertise. illus Natl Def 62: 549-550+ May-Jun '78

U.S. Roland: A comprehensive update. illus Air Def Mag, pp 37-39, Jan-Mar '78

History

Launch + 20: The day Army blasted U.S. into space age. Gayle Peterson. illus Army 28:41-44 Jan '78

United States--Navy

Cruise missiles: Offense in breadth added to defense in depth. CDR David G. Clark. Nav War Col Rev. 30:89-91 Winter '78

The need for Trident. Gerard Keith Burke. illus tabs US Nav Inst Proc 104:32-41 Nov '78

Potential Soviet responses to the U.S. submarine threat in the 1980s. Andrew W. Hull. illus US Nav Inst Proc 104:24-30 Jul '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78

MISSILES, ANTI-AIRCRAFT

Air defence of units in the field. John Marriott. tabs Army Qtr 108:21-30 Jan '78

Airborne air defense artillery weapons system. Capt Edward H. Littlejohn III. illus USA Avn Dig 24:2-7 Mar '78

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 61:109 Mar '78

The Gepard AA tank--a technical solution to a tactical problem. G. Lowe. illus tab Intl Def Rev 10: 1083-1086 Dec '77

Land based surface-to-air weapons. John Marriott. illus tabs NATO's Fifteen Nations 23:32-34+ Aug-Sep '78

SHORAD (SHORT Range Air Defense) requirements of the Armored Cavalry Regiment. Maj William F. Daugherty. illus tabs Air Def Mag, pp 7-11, Jan-Mar '78

Today's fighter radars: Big changes ahead. Yves Robins. illus Aerosp Intl 14:4-6+ Oct-Nov '78

MISSILES, ANTISHIP

Antiship cruise missiles. CAPT William J. Ruhe, Ret. illus Natl Def 63:30-32+ Nov-Dec '78

Anti-ship warfare. George Rogers. illus Intl Def Rev 11, No.3:347-350 '78

Cruise missiles: Offense in breadth added to defense in depth. CDR David G. Clark. Nav War Col Rev 30:89-91 Winter '78

DPEWS (Design-to-Price Electronic Warfare System); The U.S. Navy's new multi-role EW systems. Gowri S. Sundaram. illus tab Intl Def Rev 11, No.4:618-619 '78

MISSILES, ANTISHIP - Continued

The Dagaie EW decoy launcher--an antimissile self-defense system for the '80s. R. Beulier. illus tab Intl Def Rev 11, No.8:1307-1308 '78

A different philosophy for antiship warfare: Sea Skua. Capt G.R. Villar, Ret. illus US Nav Inst Proc 104: 117-118 Jul '78

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77; pt 2, Gun-armed FPBs. 10:1110-1114 Dec '77

Kormoran, the German Fleet Air Arm's anti-ship-missile. Rudi Meller. illus tab Intl Def Rev 11, No.2:185-189 '78

Modern rocket/ramjet engine development in Europe. R. Meller. illus tabs Intl Def Rev pt 1, Solid fuel engines from MBB. 10:526-528 Jun '77; pt 2, Solid fuel engines from ONERA. 10:767-769 Aug '77; pt 3, Integrated rocket ramjets from Volvo Flygmotor. 11, No.1:109-111 '78

The wartime role of Soviet SSBNs. CDR Richard T. Ackley, Ret. illus US Nav Inst Proc 104:34-42 Jun '78

MISSILES, ANTITANK

AH-64: The U.S. Army's advanced attack helicopter. J. Philip Geddes. illus tabs Intl Def Rev 11, No.8: 1247-1252 '78

Already in service: The 2d generation of Soviet anti-tank missiles. illus Intl Def Rev 11, No.1: 15-17 '78

Dragon--one-man tank killer. K.C. Oh. illus tab Intl Def Rev 11, No.7:1082-1084 '78

HELLFIRE (HELicopter Launched FIRE and forget): A weapon system whose time has come. Maj Jeffrey H. Thomason. illus USA Avn Dig 24:4-7 May '78

Infantry on the high-intensity battlefield of Central Europe. Maj Barry R. McCaffrey. illus Mil Rev 58:3-6 Jan '78

NATO to have 193,000 anti-tank missiles by end '78 vs 18,000-20,000 Pact tanks. Armed Forces J Intl 115:14 Jan '78

The threat: The SA-9 Gaskin. illus USA Avn Dig 24: 44 Aug '78

Update on TOW. John Marriott. illus NATO's Fifteen Nations 23:116-119 Apr-May '78

WAAM (Wide Area Anti-armour Munitions)--the U.S. Air Force's next generation of anti-armour weapons. R.D.M. Furlong. illus Intl Def Rev 11, No.9: 1378-1379 '78

MISSILES, CRUISE see Missiles

also Missile Type--ALCM; Missile Type--SLCM

MITCHELL, Billy

The day they sank the Ostfriesland. TSgt David L. Youngman. (Reprinted from Airman, July 1950) Airman 22:6-8 Dec '78

MITCHELL, Donald J.

No big pay changes expected. Interview. Rep Donald J. Mitchell. AF Times 38:7 Apr 3 '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. por Govt Exec 10:45-46 Jul '78

MOBILE HOMES

Admitting mobile homes: New base guidelines. AF Times 39:10 Nov 6 '78

No place like home. Janet Hake. illus Soldiers 33: 28-32 May '78

MOBILE TRAINING UNITS

CH-47 mobile training team lessons learned. CW2 William R. Steele. illus USA Avn Dig 24:20-22 Jun '78

MOBILITYSee also

Air Mobility

COMPASS (Computerized Movement Planning And Status System)--pointing the way to mobility readiness. SSgt Anthony Smialek. illus Army Log 10: 14-16 Sep-Oct '78

"Doubts, decisions, and directions." (Remarks, Aviation Space Writers' Convention, Atlanta, April 24-26, 1978) Gen William G. Moore, Jr. AF Pley Ltr for Comdrs: Sup No. 7:2-7 Jul '78

Engineer. Col Gene B. Welch. Armor 87:41-44 Jul-Aug '78

Forward support. Col Robert W. Fisher and A. David Mills. illus tabs Armor 87:20-24 Mar-Apr '78

The right stocks forward. Maj Lynn W. Kling. illus Army Log 10:20-23 Nov-Dec '78

Soviet airlift limited. AF Times 38:12 May 15 '78

Soviet self-propelled artillery. Larry W. Williams. illus Armor 87:18-20 Sep-Oct '78

Transportable communications: Are they really the answer? LtCol Monroe J. Taranto. illus map tabs Signal 33:41-43 Sep '78

Wheeled combat vehicles offer a possible solution to the Marine Corps' ground mobility. Maj James R. Williams. illus tab MarCor Gaz 62:41-48 Oct '78

MOBILIZATION, INDUSTRIAL

Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78

Future industrial mobilization. Gen Henry A. Miley, Jr. Ret. Natl Def 63:54-57 Jul-Aug '78

Mobilization for the apocalypse. Robert L. Goldich. illus Army 28:22-25+ May '78

MOBILIZATION, MILITARY

MTMC's other half. (5th MTMC Reserve Conference, Washington, Nov 4-5, 1978) illus Translog 9:15-18 Nov-Dec '78

Rapid mobilization tested overseas. (Exercise Nifty Nugget '78) AF Times 39:12 Oct 23 '78

MOBILIZATION, MILITARY - ContinuedNATO

European mobilization: U.S. and NATO Reserves. Steven L. Canby. Armed Forces & Soc 4:227-244 Winter '78

Territorial defenses: An ace in the hole for NATO. LtCol William O. Staudenmaier. illus tab Army 28:35-38 Feb '78

United States

All-vol said harmful to U.S. readiness. AF Times 38:7 May 22 '78

Can Reserve units be ready on time? Col Irving Heymont, Ret. illus Army 28:23-26 Mar '78

European mobilization: U.S. and NATO Reserves. Steven L. Canby. Armed Forces & Soc 4:227-244 Winter '78

Improving USAR logistics support. Col Charles J. V. Fries III. illus Army Log 10:32-35 Jan-Feb '78

MOBDES (MOBilization DESignee) ... ready when needed. Capt Jerry R. Stringer. illus Air Reservist 30:9 Oct '78

Mobilization for the apocalypse. Robert L. Goldich. illus Army 28:22-25+ May '78

Operation Redoubt--'That's the key.' TSgt Weldon C. McCafferty. illus Air Reservist 30:14-15 Aug '78

Outstanding MA's (Mobilization Augmentees)--tops in their field and they can prove it. illus Air Reservist 30:6-8 Jul '78

'Projection-force' options offered by (Congressional) Budget Office. AF Times 38:12 May 15 '78

Readiness--a matter of cost. MajGen Richard A. Miller. illus Natl Guardsman 32:1+ Jan '78

Top MACOM MAs (Outstanding Mobilization Augmentees from Air Force). illus Officer 54:11 Jul '78

MOHR, Henry

Facing a 'crisis in confidence.' MajGen Henry Mohr. por Army 28:74-77 Oct '78

'What's right with the U.S. Army Reserve.' MajGen Henry Mohr. por Officer 56:8+ May '78

MONEYSee also

Electronic Funds Transfer System

Carry \$\$ on leave. AF Times 38:20 Apr 24 '78

The Currency Clearing House--a multi-national effort. LtCol Donald E. Robson. illus AF Compt 12: 44-45 Apr '78

The dollar dilemma. Dave Karten. illus Review 57:8+ May-Jun '78

Financial action efforts falling short. AF Times 38:46 May 29 '78

The floating dollar and the overseas comptroller. Maj Cary F. Owen. illus tab AF Compt 12:14-15+ Apr '78

Going broke: They've got it all--except the money to pay for it. Marianne Lester. illus AF Times, Times Magazine sup:6-10 Jan 23 '78

MONEY - Continued

Personal money programs going well at 10 bases.
Randy Moore. AF Times 38:2 Jan 30 '78

MOONLIGHTING

Moonlighting: In service of two masters. SSgt Jim Rogers. illus Soldiers 33:28-31 Apr '78

MOORE, Marc A.

Marines of the Texas Republic. MajGen Marc A. Moore. MarCor Gaz 62:28-34 Aug '78

MOORE, Robert A.

Future tactical warfare programs. Robert A. Moore. Natl Def 62:302-306 Jan-Feb '78

Top tactical warfare researcher--Robert A. Moore is in charge of Defense tactical warfare programs. por Natl Def 62:298-299 Jan-Feb '78

MOORE, William G., Jr

Commanders: Their care and feeding. (Remarks, Judge Advocate General School, Maxwell AFB, Ala, March 20, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 10:22-27 Oct '78

"Doubts, decisions, and directions." (Remarks, Aviation Space Writers' Convention, Atlanta, April 24-26, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '78

Military Airlift Command. por AF Mag 61:72-74 May '78

Perceptions of modern conflict: Myths, mirrors and megatons. (Remarks, Nashville Air Force Assoc, Jan 6, 1978) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:9-14 Mar '78

MOORER, Thomas H.

JCS influence on policy eroding. ADM Thomas H. Moorer, Ret. AF Times 39:13 Oct 30 '78

U.S. overseas bases: Projecting American military power in the Mediterranean and Western Pacific. Alvin J. Cottrell and ADM Thomas H. Moorer, Ret. (Abridged from Washington Papers, No. 47, 1977) Mil Rev 58:20-34 Jun '78

MORAL EDUCATIONSee also

Character Guidance

MORALE

(AF) Personnel (Management) Team to visit Iceland. Randy Moore. AF Times 38:4 Feb 6 '78

Air Force morale resists pressures. CMSAF Robert D. Gaylor. illus AF Mag 61:57-58 May '78

Denial of leave complaints analyzed. TIG Brief 30:20 Apr 14 '78

GSA--an update. Govt Exec 10:29+ Nov '78

High in the Rockies (Fort Carson, Colo). Steve Abbott. illus Soldiers 33:34-38 Jul '78

Is 'voting with our feet' the only answer? Maj Michael D. Clark. illus Army 28:46-49+ Jun '78

Just-a-job attitude concerns (Gen David C.) Jones. M.L. Craver. AF Times 38:4 Feb 20 '78

MORALE - Continued

Leadership. BrigGen Jack A. Rogers, Ret. illus Air Def Mag, pp 7-9, Jul-Sep '78

MWR (Morale, Welfare and Recreation) activities face cut in tax funding. AF Times 38:35 Apr 24 '78

The morale of the Soviet Army: Some implications for combat effectiveness. Maj Richard A. Gabriel. illus Mil Rev 58:27-39 Oct '78

PMS (Program Measurement System) boosts productivity and employee morale. Ray C. Roberts, Jr and Richard J. Shakman. illus tabs Def Mgt J 14: 21-25 Jul '78

So how's your morale today? Bruce Callander. AF Times 39:14+ Oct 16 '78

Where there's (Bob) Hope there's laughter. Janet Hake. illus Soldiers 33:31-33 Sep '78

MORRIS, Harry A.

NCO Academy graduation. (Remarks, Military Airlift Command NCO Academy-East, McGuire AFB, NJ, March 28, 1978) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No. 7:20-23 Jul '78

MORRIS, John W.

Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J.W. Morris. Mil Engr 70:4-7 Jan-Feb '78

(Military engineering--a national asset) Interview. LtGen John W. Morris. por Mil Engr 70:234-237 Jul-Aug '78

MORTARS

Mortars in urban combat. Capt James F. Grim. Infantry 68:12-13 Nov-Dec '78

Study and Teaching

Mortars: Bane to boon. Maj William S. Birdseye. illus Infantry 68:35-39 Nov-Dec '78

Training mortar units. LtCol Thomas D. Roberts II. illus Infantry 68:39-42 Jan-Feb '78

MOTELS see Hotels and MotelsMOTHBALL FLEET see National Defense Reserve FleetMOTHBALLING see Airplanes, Military--StorageMOTION PICTURES

(AF) AAVS wins top gold screen awards. AF Times 38:33 Jan 23 '78

AF film clips spice TV news shows. AF Times 38:24 Feb 20 '78

Communists went first. ("Soldiers of Freedom" new Soviet film epic) Gen P. Batov. illus Soviet Mil Rev No. 5:56-58 May '78

DOD adds 'balance' to Hollywood. AF Times 38:44 Feb 6 '78

Hollywood and the Marines. Lawrence Suid. illus MarCor Gaz 62:36-44 Apr '78

The making of (the movie) "Battle Hymn." James H. Farmer. illus Am Avn Hist Soc J 23:37-48 Spring '78

MOTION PICTURES - Continued

Pearl. SP5 B.J.Small. illus Soldiers 33:42-44
Nov '78

A preview, 3 months early: The "big movie" on
Vietnam--Apocalypse Now. Fred L.Rexer, Jr.
Armed Forces J Intl 115:41+ Feb '78

MOTION SICKNESS

Bidirectional overadaptation achieved by executing
leftward or rightward head movements during
unidirectional rotation. Ashton Graybiel and
James Knepton. tabs Aviation, Space & Envmt
Med 49:1-4 Jan '78

Coriolis cross-coupling effects: Disorienting and
nauseogenic or not? Fred E.Guedry, Jr and Alan
J.Benson. illus tab Aviation, Space & Envmt Med
49:29-35 Jan '78

Increased secretion of growth hormone, prolactin,
antidiuretic hormone, and cortisol induced by the
stress of motion sickness. T.Eversmann and
others. tabs Aviation, Space & Envmt Med 49:
53-57 Jan '78

Motion sickness susceptibility: A retrospective com-
parison of laboratory tests. J.Michael Lentz and
Fred E.Guedry, Jr. illus tabs Aviation, Space &
Envmt Med 49:1281-1288 Nov '78

Prevention of motion sickness in flight maneuvers,
aided by transfer of adaptation effects acquired in
the laboratory: Ten consecutive referrals. Ashton
Graybiel and James Knepton. tab Aviation, Space
& Envmt Med 49:914-919 Jul '78

Visual counteraction of nauseogenic and disorienting
effects of some whole-body motions: A proposed
mechanism. Fred E.Guedry, Jr. illus tabs Avia-
tion, Space & Envmt Med 49:36-41 Jan '78

MOTION STUDY see Time and Motion StudyMOTIVATION (PSYCHOLOGY)

How I fought guard boredom (and almost won). Col
H.I.Pitchford. illus Translog 9:7-8 Jan '78

A kick in the butt isn't the answer. Maj J.N.Jolley,
Jr. MarCor Gaz 62:49-52 Oct '78

Motivation. Maj Alan G.Vitters. illus Infantry 68:
14-15 Mar-Apr '78

Psychogenic G-force intolerance revisited. Theodore
J.Wachs and Carlos J.G.Perry. Aviation, Space
& Envmt Med 49:76-77 Jan '78

MOTOR POOLS

Vehicle management. Maj Roosevelt J.Lewis, Jr.
illus AF Engrg & Svcs Qtr 19:23-25 May '78

MOTOR VEHICLESSee also

All-Terrain Vehicles
Automobiles
Jeeps
Tractors
Trucks and Trucking

A substantial industry and superficial government
actions. V.J.Adduci. illus Govt Exec 10:19-20
Jul '78

MOTOR VEHICLES - ContinuedDrivers and Driving

Administrative suspension/revocation of base driving
privileges. TIG Brief 30:13 Mar 17 '78

Cadets train in IFV (Infantry Fighting Vehicle) driv-
ing. Col D.Ryazantsev. illus Soviet Mil Rev No. 12:
14-15 Dec '78

Checklist checks driver readiness. SP5 A.B.Nauroth.
illus Translog 9:16 Feb '78

Control of tank drivers' training. Maj K.Topal. illus
Soviet Mil Rev No.3:23-24 Mar '78

DOT finds 18.5 percent of drivers use seat belts. AF
Times 38:19 Jan 1 '78

Drivers using pot: Test eyed. AF Times 38:8
Jun 26 '78

Driving to conserve gas. illus tab Translog 9:16-17
Sep '78

If you fly safe why not drive safe. Capt Craig L.Bi-
vins. illus Combat Crew 28:14-15 Feb '78

Private motor vehicle losses are up. TIG Brief 30:5
Jan 6 '78

Private vehicle fatalities: Up. BrigGen Garry A.Wil-
lard, Jr. TIG Brief 30:3 Jan 20 '78

Small low-horsepower vehicles. TIG Brief 30:3
Mar 17 '78

Tennessee Child Passenger Protection Act. TIG
Brief 30:5 Mar 31 '78

Winter driving: Get ready. TIG Brief 30:13 Oct 6 '78

Working in a hot climate. Col V.Mikhailov. illus So-
viet Mil Rev No.2:38-39 Feb '78

Laws and Regulations

Applicability to military vehicles of state and local
restrictions on highway use. TIG Brief 30:13
Aug 25 '78

Maintenance and Repair

Checklist checks driver readiness. SP5 A.B.Nauroth.
illus Translog 9:16 Feb '78

Air Force

Applicability to military vehicles of state and local
restrictions on highway use. TIG Brief 30:13
Aug 25 '78

How to obtain a vehicle. TIG Brief 30:3 Dec 1 '78

Motor vehicle safety. TIG Brief 30:4 Jul 21 '78

Vehicle accident/abuse investigation procedures.
TIG Brief 30:6 Aug 4 '78

Vehicle justification. TIG Brief 30:21 May 26 '78

Vehicle mileage: A management indicator. TIG Brief
30:15 Jan 6 '78

Maintenance and Repair

Availability and use of test equipment and tools to de-
termine vehicle malfunctions. TIG Brief 30:14
Nov 3 '78

MOTOR VEHICLES - ContinuedAir Force - Cont'dMaintenance and Repair - Cont'd

Diagnostic sections speed vehicle repairs. TIG Brief 30:12 Feb 17 '78

M-880/885 pickup truck design deficiencies. TIG Brief 30:17 Mar 31 '78

Vehicle management. Maj Roosevelt J. Lewis, Jr. illus AF Engrg & Svcs Qtr 19:23-25 May '78

Armed Forces

O'seas troops to get European vehicles. Len Famiglietti. AF Times 38:4 Mar 6 '78

Tank-automotive news. Regular feature in some issues of National Defense

Army

All in the FAMECE (Family of Military Engineer Construction Equipment). illus Natl Def pt 1. Allen O. Elkins. 58:532-535 May-Jun '74; pt 2. William R. Barwick. 62:390-391+ Mar-Apr '78

'Go-anywhere' philosophy yields to fiscal realities in Army's truck fleet. Eric C. Ludvigsen. illus Army 28:18-20+ Jun '78

U.S. Army trucks in service, 1978. illus Army 28:25-26+ Jun '78

Wheels for the Army's bridges. Gerald F. Wilber. illus tab Mil Engr 70:330-331 Sep-Oct '78

Maintenance and Repair--Study and Teaching

The Motor Officer Course (at Army Armor School). Capt Charles A. Gibbens, Jr. illus Armor 87:14-15 Jan-Feb '78

Maintenance and Repair--Testing

Simplified vehicle test equipment. Donald S. Sarna and Joseph W. Stayaert. illus Natl Def 62:480-482+ Mar-Apr '78

Marine Corps

New concepts in vehicles for the FMF. Capt R.A. Romagna. tab MarCor Gaz 62:61-62 Mar '78

MOTORCYCLES AND BICYCLES

Cycle deaths up in '77. AF Times 38:12 Feb 13 '78

Hard hat or hard head. TIG Brief 30:6 Jul 7 '78

Helmet repeal blamed for cycle deaths. AF Times 38:10 Jul 24 '78

The Maico 250/M military motorcycle. LtCol Hasso Erb. illus tab Intl Def Rev 11, No. 2:225-226 '78

Safety gear for bikers OK'd by (AF) Uniform Board. illus AF Times 38:10 Jul 24 '78

Warning: Bicycle riding can be hazardous to your health. Capt Donald E. Waddell III. illus TAC Attack 18:28-30 Jun '78

MOTORCYCLES AND BICYCLES - ContinuedLaws and Regulations

Helmetless cyclists can get points. AF Times 39:22 Aug 28 '78

Motorcycle helmet laws. TIG Brief 30:4 Aug 4 '78

MOUNTAIN FLYING

Lessons learned the hard way. Capt Tom Lentz. illus TAC Attack 18:24-28 Aug '78

Rescue on Rainier. Capt Thomas F. Stewart. illus map USA Avn Dig 24:8-10 Sep '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

MOUNTAIN OPERATIONS

Defence in mountains. Maj Z. Averyanov. illus Soviet Mil Rev No. 12:25-26 Dec '78

Mountain rescue. Capt Warren S. Lacy. illus Soldiers 33:14-17 Mar '78

Study and Teaching

With regard for special conditions. Maj V. Streltsov. Soviet Mil Rev No. 6:36-37 Jun '78

MOUNTAIN SICKNESS see Altitude, Influence ofMOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also

Deployment

COMPASS (Computerized Movement Planning And Status System)--pointing the way to mobility readiness. SSgt Anthony Smialek. illus Army Log 10:14-16 Sep-Oct '78

PNAF (Prime Nuclear Airlift Force) crews need your support. TIG Brief 30:8 Sep 22 '78

MOVING see Household EffectsMULTINATIONAL CORPORATIONS see Corporations, InternationalMUNITIONS

The big payoff--modernizing munitions production. Maj Charles Fish. illus Army Log 10:24-27 May-Jun '78

Munition safety certification required for aircraft systems and components. TIG Brief 30:10 Sep 22 '78

Padlock requirements: Firearms and munitions security. TIG Brief 30:7 Oct 6 '78

Shaped charge/armor nemesis. Donald R. Beeman. illus Natl Def 62:561-564 May-Jun '78

Stray voltage checks for munitions loading. TIG Brief 30:11 Mar 3 '78

MUNITIONS - Continued

Submunitions of the future. Maj William Whelihan.
illus Fld Arty J 46:50-53 May-Jun '78

The U.S. Army's improved 203 mm SP howitzer.
Truman R. Strobbridge and Ronald H. Schriefer.
tabs illus (Also cutaways) Intl Def Rev 11, No.3:
389-392 '78

WAAM (Wide Area Anti-armour Munitions)--the U.S.
Air Force's next generation of anti-armour weap-
ons. R.D.M. Furlong. illus Intl Def Rev 11, No.9:
1378-1379 '78

MUNITIONS LOADING COMPETITIONS

Giant Sword (1978) wrap up. illus Combat Crew 28:
26-27 Nov '78

1978 NORAD Weapons Load(ing) Competition. Maj
Lionel P. Johnson. illus Interceptor 20:8-15
Jun '78

MURRAY, Russell, II

"I make waves ... in the Pentagon pool." Interview.
Russell Murray II. por Armed Forces J Intl
116:22+ Dec '78

MUSEUMS

Museum news. Regular feature in some issues of
Aerospace Historian

Air Force--Great Britain

A museum for 'so few.' (Battle of Britain Museum
being planned) illus Airman 22:18 Nov '78

Air Force--U.S.

Reservists aiding B-17 restoration at AF Museum.
Officer 54:8 Oct '78

U.S. Air Force Museum. illus Natl Def 63:58-59+
Sep-Oct '78

Army--U.S.

The L-21 serves again (at Army Transportation
Museum, Fort Eustis, Va). SP Charlie Drake.
illus Translog 9:15-16+ Mar '78

U.S. Army Ordnance Museum, Aberdeen Proving
Ground, Md. illus Natl Def 62:484-485 Mar-
Apr '78

MUSEUMS - ContinuedMarine Corps--U.S.

A new home for the Corps' old aircraft (Marine
Corps Aviation Museum, Quantico, Va). Jack B.
Hilliard and Col Brooke Nihart, Ret. illus MarCor
Gaz 62:67-71 May '78

The United States Marine Corps Aviation Museum
(Quantico, Va). Jack B. Hilliard. illus Aerosp
Hist 25:45-48 Mar '78

National Guard--Armed Forces--U.S.

The Heritage Gallery. Capt Stanley Skinner. illus
Natl Guard 32:17-19 Nov '78

France

Sources for aviation history in Paris. (French Air
Museum and Le Bourget Airport) Lee Kennett.
illus Aerosp Hist 25:50-52 Mar '78

Russia

The country's main exhibition. (USSR Exhibition of
Economic Achievements) Col G. Timokhin. illus
Soviet Mil Rev No. 2:16-19 Feb '78

United States

Preservation of a tradition. (Apprenticeship of the
Maine Maritime Museum) Lance R. Lee. illus US
Nav Inst Proc 104:62-75 Sep '78

Space pioneers. Janet Hake. illus Soldiers 33:12-13
Apr '78

MUSIC, MILITARY

See also
Bands (Music)

The mighty power of song. MajGen B. Alexandrov.
illus Soviet Mil Rev No. 11:43-47 Nov '78

MUTINY

Fantasies of mutiny and murder: A suggested psycho-
history of the seaman in the United States Navy,
1798-1815. Christopher McKee. Armed Forces &
Soc 4:293-304 Winter '78

MYERS, Paul W.

MajGen Paul Myers USAF Surgeon General. por
Aviation, Space & Envmt Med 49:1030 Aug '78

NARPV see National Association for Remotely Piloted Vehicles

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NATO INTEGRATED COMMUNICATIONS SYSTEM

(Contract to expand and provide all digital communications to NICS) Signal 33:78 Sep '78

EW and NATO communications. A. Nejat Ince. illus maps tabs Signal 32:66-73 Mar '78

NATO at the crossroads. Jon L. Boyes. Signal 32: 49-53 Jan '78

NDTA see National Defense Transportation Association

NEACP see National Emergency Airborne Command Posts

NGAUS see National Guard Association

NICS see NATO Integrated Communications System

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NAPOLEONIC WARS

British seapower and its influence upon the Peninsular War (1808-1814). Donald D. Howard. illus Nav War Col Rev 31:54-71 Fall '78

Problems of an amphibious power: Britain against France, 1793-1815. Piers Mackesy. Nav War Col Rev 30:16-25 Spring '78

NASH, Edward J.

Airlift assistance to Rhode Island. (Statement before Senate Regional and Community Development Subcommittee, March 7, 1978) MajGen Edward J. Nash. AF Picy Ltr for Comdrs: Sup No. 5:28-32 May '78

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

See also subdivision under specific subjects, e.g.,
Space Programs--U. S.--National Aeronautics and Space Administration

Guide to NASA's research centers. AF Mag 61:161 May '78

NASA technological research: Current developments in the general aviation field. Marc Grangier. illus Interavia 33:63-65 Jan '78

'Space' ideas point way to energy saving (by the average family). AF Times 39:50 Sep 25 '78

NATIONAL ASSOCIATION FOR REMOTELY PILOTED VEHICLES

Synopsis: Session III panel discussion. (NARPV '77 4th Annual Symposium, Washington, 7 June 1977) illus Remotely Piloted Mag 6:10-11+ Jan '78

NATIONAL BUSINESS AIRCRAFT ASSOCIATION

U.S. business aviation goes marching on--a report on the 31st NBAA. J. Philip Geddes. illus Interavia 33:1123-1126 Nov '78

NATIONAL CHARACTERISTICS, RUSSIAN

The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J. Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE RESERVE FLEET

The last of the Libertys: A story of the greatest ship-building effort in history. Hal Rubin. illus Def Trans J 34:6-8+ Aug '78

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

15th Annual European Transportation Conference (Frankfurt, Ger, April 18-21; 1978). illus Def Trans J 34:16+ Aug '78

(MTMC Awards) "For Excellence in Traffic Management" (made during NDTA's 33d Forum and Exposition, 1978). illus Translog 9:4-5 Oct '78

NDTA talk. Regular feature in issues of Defense Transportation Journal

(NDTA 33d Annual Forum and Exposition, Washington, Oct 1-4, 1978) illus Def Trans J 34:53-74 Oct '78

NDTA's 33d Forum report (Washington, Oct 1-4, 1978). illus Def Trans J 34:35-60 Dec '78

NATIONAL EMERGENCY AIRBORNE COMMAND POST

Salvation from above. (The E-4A National Emergency Airborne Command Post is part of the National Military Command System) Capt Suzanne L. Phillips. illus Airman 22:27-31 Feb '78

NATIONAL GOALS see National Policy

NATIONAL GUARD

See also
Selected Reserve Force

Biography

The bitter legacy of Sgt (Edward) Larde (now a Guardsman, but formerly a member of the French resistance during WW II). Capt Steven Stone. illus Natl Guardsman 32:17 Aug '78

Air Force

AFOUA (Air Force Outstanding Unit Award, recently won by six Air National Guard units). TSgt Steven A. Landry. illus Air Reservist 30:23 Sep '78

ANG: 'No failures in '77.' Interview. MajGen John T. Guice. illus Air Reservist 30:8-9+ Apr '78

ANGers ask cuts in extra training. AF Times 39:11 Oct 30 '78

Air Guard "hit men." (Memphis-based 164th Tactical Airlift Gp) Maj Bill E. Burk. illus Natl Guardsman 32:19+ Sep-Oct '78

Air National Guard. illus tab AF Mag 61:110-111 May '78

NATIONAL GUARD - ContinuedAir Force - Cont'd

- All the world's their stage. (Tours of duty to exotic places for Air Guardsmen and Reservists) illus Air Reservist 30:12-15 Jul '78
- Aloha alert! (Hawaii's Air National Guard seeks to prevent a repeat of the 1941 attack on Pearl Harbor) MSgt David B. Drachlis. illus Airman 22: 20-25 Nov '78
- Canal Zone duty keeps Reserves hopping in C-130s. illus AF Times 39:40 Nov 20 '78
- Challenge of the "eighties" is just around the corner! (Report on Air Guard Commanders' Conference, Tucson, Ariz, April 1977) illus Natl Guardsman 32:18-19+ Jun '78
- Communications ... a vital link (for firefighters)! Capt Regina McGuinness. illus Air Reservist 29: 6-7 Dec '77-Jan '78
- Dawn Patrol. TSgt Quentin Worth. illus Air Reservist 30:8 Aug '78
- 'Dutch treat ...' Air Guard style. TSgt Janet Wright. illus Air Reservist 29:12-13+ Feb '78
- Guard communicates well. Gerald H. Smith. illus Air Reservist 30:6-7 Aug '78
- Guard is reminded of ban on lobbying. AF Times 38:10 Apr 10 '78
- Last flight to Tucson (Davis-Monthan AFB's Aircraft Storage and Disposition Center near Tucson, Ariz) ... a sentimental journey. Bob Foster. illus Natl Guardsman 32:8-10+ Jun '78
- New Air National Guard personnel security investigation procedures. TIG Brief 30:5 Oct 20 '78
- OCONUS training--Air Guard style. Bruce P. Hargreaves. illus tabs Natl Guardsman 32:8-11 Jan '78
- Reserve, ANG to get more modern planes. AF Times 38:16 Feb 27 '78
- 'A road map to readiness for the future.' illus Air Reservist 29:16-17 Feb '78
- Shaving rules guide ANG. AF Times 38:10 Apr 10 '78
- 'The tough jobs we are facing.' (Excerpts from address, Air Force Assoc, Niagara Falls, NY, June 1978) John C. Stetson. illus Air Reservist 30:10-11 Jul '78
- Wings over windmills. Ed Mack Miller. illus AF Mag 61:39-43 Jan '78
- Woman power. illus Air Reservist 29:12-18 Nov '77

Armed Forces

- At last! Survivor benefits. tabs Natl Guard 32:12-15 Nov '78
- The blizzard of '78: Guardsmen aid battle for survival in 21 storm-battered northeastern states. illus Natl Guardsman 32:2-13+ Apr '78
- Fire and water: Activated Guardsmen use one to combat the other during summer and autumn call-ups. illus Natl Guardsman 32:2-6 Jan '78
- Firemen, floodfighters--and policemen, too! illus Natl Guardsman 32:6-10 Sep-Oct '78

NATIONAL GUARD - ContinuedArmed Forces - Cont'd

- "How to succeed by really trying." (Highlights and resolutions, AG's Annual Meeting, Hershey, Pa, May 1978) illus Natl Guardsman 32:10-14 Jul '78
- Joint training exercise (Brave Shield XVII): "The Guard does well." Allan R. Scholin. illus Natl Guardsman 32:4-7+ Jun '78
- A lifeline for Lester (Wash). Capt Ronald Mikulski. illus Air Reservist 29:16-17 Mar '78
- Marksmanship: "A long lost art" is rediscovered by the Guard. illus Natl Guardsman 32:12-15+ Sep-Oct '78
- A patch of blue: How the Air Guard helps the Army Guard fly. Maj Neal Gendler. illus Natl Guardsman 32:22-23 Jan '78
- The posture hearings: Congress turns spotlight on Guard-Reserve readiness, all-volunteer force, in annual review. Natl Guardsman 32:18-21+ Apr '78
- The state mission (Guardsmen serve their states and communities). Sgt Phil Andrews and MSgt William Tuning. illus Natl Guardsman 32:12-14 May '78

Army

- 997th Arizona National Guard. Sgt Phil Andrews. illus USA Avn Dig 24:7-9 Oct '78
- Army Guard Infantry abroad. MSgt Richard Grimmett. illus Natl Guardsman 32:16-18+ Sep-Oct '78
- The Army National Guard aviation program. MajGen E. H. Walker. illus tabs USA Avn Dig 24:1-6 Oct '78
- Benefits in Reserve. MSgt Bruce N. Bant. illus tabs Soldiers 33:40-42 Jun '78
- "The big O (MajGen Charles A. Ott, Jr)" ... a classic citizen-soldier. illus Natl Guardsman 32:24-25 Sep-Oct '78
- Crew rest in Reserve/Guard components. J. Scott Bond. illus tab USA Avn Dig 24:11+ Aug '78
- Declining strength threatens Guard/Reserve readiness. Col Wilford D. McGlasson, Ret. tab illus Natl Guardsman 32:9-13 Feb '78
- Dual roles 'unique, compatible.' MajGen Emmett H. Walker, Jr. illus Army 28:78-80 Oct '78
- Farewell: Major General "Bob" Beightler ... one of "the old breed." Becky Moneysmith. illus Natl Guardsman 32:11+ Jun '78
- Georgia Army National Guard. illus USA Avn Dig 24:23 Nov '78
- Guard on call (over Wisconsin's prisons, mental health institutions, juvenile correctional institutions and the Wisconsin Veterans' Home and Hospital, 1977). Maj David A. Zweifel. illus Soldiers 33:21-23 Jun '78
- New Jersey (ARNG) goes to West Point. illus Natl Guard 32:10-11 Nov '78
- The Puerto Rican military forces. Capt Shaun M. Darragh. (Condensed from Cosantoir, Sep 1977) illus Mil Rev 58:46-53 Aug '78
- Putting a "G" into ROTC: The ROTC class of 1978 has discovered the Guard--thanks to an innovative approach to an old program. Col Bruce Jacobs. illus tab Natl Guardsman 32:12-16 Jun '78

NATIONAL GUARD - ContinuedArmy - Cont'd

Readiness--a matter of cost. MajGen Richard A. Miller. illus Natl Guardsman 32:1+ Jan '78

Reserve Component training. MajGen Herman Tenken. Armor 87:45-47 Jul-Aug '78

Total Army. (Active and Reserve components) Capt Warren S. Lacy. illus Soldiers 33:15-19 Jun '78

Wisconsin Guard handled a hot potato (at Waupun State Prison), earned widespread praise. Neal R. Peirce. Natl Guardsman 32:24-25 Jun '78

Directories

National Guard units. Army 28:114-115 Oct '78

History

Militia cavalry. LtCol Raymond E. Bell, Jr. illus Armor 87:24-25 Jul-Aug '78

A National Guard "Model Company" from Chicago goes to war--over General Pershing's protest, July 4, 1918. illus Natl Guardsman 32:16-18+ Jul '78

Oldest of them all (Massachusetts 101st Engineer Battalion and 182d Infantry). Martin K. Gordon. illus Soldiers 33:34-35 Jun '78

The spirit lives on: Traditional military associations strive to preserve the heritage of the nation's militia. illus Natl Guardsman 32:2-6 May '78

NATIONAL GUARD ASSOCIATION

Midsummer legislative review: An NGAUS survey of "where we stand" in the progress of 1978 legislation important to the Guard. Col Merle F. Allen, comp. Table only. Natl Guardsman 32:30-31 Aug '78

NGAUS ... a century of progress. (Report on 100th General Conference, St Louis, Oct 2-4, 1978) Marilyn H. Hargreaves. illus Air Reservist 31: 6-7 Nov '78

NGAUS (99th Annual) Conference (New Orleans, Sep 12-14, 1977). illus Air Reservist 29:8-9 Nov '77

State of the Guard--1978. (Summary of position statements for NGAUS "Redbook") Natl Guardsman 32: 16-19+ Mar '78

History

A century of service. Cols Allan G. Crist and W. D. McGlasson. illus Natl Guard 32:6-9+ Nov '78

Muster in St Louis. (Founding national convention, Sep 1879) Les Pearson. illus Natl Guardsman 32: 18-19 May '78

NATIONAL MARITIME COUNCIL

The NMC (National Maritime Council): Beyond the dark horizon. Joseph Volz. illus Sea Power 21: 31-33 Oct '78

NATIONAL MILITARY COMMAND SYSTEMSee also

Worldwide Military Command and Control System

NATIONAL MILITARY COMMAND SYSTEM - Continued

Salvation from above. (The E-4A National Emergency Airborne Command Post is part of the National Military Command System) Capt Suzanne L. Phillips. illus Airman 22:27-31 Feb '78

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONDirectories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1978. illus US Nav Inst Proc 104:211-237 May '78

NATIONAL POLICYRussia

Moral potential of the Soviet Army. VAdm A. Sorokin. illus Soviet Mil Rev No. 4:2-5 Apr '78

Verification and the future of arms control. Carnes Lord. illus Strat Rev 6:24-32 Spring '78

History

Union of equal republics. V. Borisov. illus Soviet Mil Rev No. 5:5-7 May '78

United States

Arms sales: A program with a purpose. Herbert Y. Schandler. illus Sea Power 21:28-33 Feb '78

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

(Changing telecommunications technologies) (Keynote luncheon address, AFCEA Convention, Washington, June 20-22, 1978) Sen Harrison Schmitt. illus Signal 32:17-19 Aug '78

Crisis and commitment (in a shipping and shipbuilding crisis). RADM George H. Miller, Ret. illus Sea Power 21:20-26 Jan '78

Cruise missiles: Quality, not quantity? Editorial. Bill Walsh. illus Mil Elect/Countermeasures 4:20 Nov '78

The democratic Army and the nation-state. LtCol Andrew P. O'Meara, Jr. illus Parameters 8:35-44 Jun '78

Force planning, political guidance and the decision to fight. Colin S. Gray. illus Mil Rev 58:5-16 Apr '78

'The great debate of 1978': The Navy strikes back. L. Edgar Prina. illus Sea Power 21:11+ Mar '78

How AF Systems Command tackles the future. C. W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

No doubt: The U.S. needs amphibious forces. LtCol Gerald L. Ellis and Maj Gerald J. Keller. illus MarCor Gaz 62:27-28+ Feb '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. illus Govt Exec 10:45-46 Jul '78

(Relationship of military power to foreign policy) (Admiral Raymond A. Spruance Lecture, March 8, 1978) Henry A. Kissinger. Nav War Col Rev 31: 4-10 Summer '78

NATIONAL POLICY - ContinuedUnited States - Cont'd

Set goals, then talk SALT. (From address, Air Force Assoc, Robins AFB, Ga) Sen Sam Nunn. AF Times 39:23 Aug 14 '78

Sisyphus as a soldier: Ethics, exigencies, and the American military. James H. Toner. illus Parameters 7, No.4:2-12 '77

Strategic logistics--the missing link. Col Edward P. Lukert, Jr. illus chart Log Spectrum 12:5-11 Summer '78

United States arms export policy and weapons cooperation. Robert A. Gessert. illus tabs NATO's Fifteen Nations 22:56-59+ Dec '77-Jan '78

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

The U.S. Merchant Marine: Time to turn the tide. J. Paul Sticht. illus Sea Power 21:15-20 Nov '78

U.S. purpose, power and the Camp David accords. Robert L. Pfaltzgraff, Jr. illus Strat Rev 6:29-33 Fall '78

Verification and the future of arms control. Carnes Lord. illus Strat Rev 6:24-32 Spring '78

Withdrawal from Korea: A perplexing decision. Ernest W. Lefever. illus tab Strat Rev 6:28-35 Winter '78

NATIONAL POWER

American policy and the trade-growth struggle. Robert O. Keohane. Intl Sec 3:20-43 Fall '78

Blueprint for abdication. Maj Kenneth G. Miller. illus AU Rev 29:31-38 May-Jun '78

Food, oil, and coercive resource power. Robert L. Paarlberg. Intl Sec 3:3-19 Fall '78

NATIONAL SECURITY see Security, NationalNATIONAL SERVICEUnited States

Budget study rejects National Service plan. AF Times 38:50 Apr 24 '78

The future of the all-volunteer force. Curtis W. Tarr. illus AU Rev 29:2-7 May-Jun '78

NATIONALISM

USSR Muslim population explosion poses a possible threat to Soviet military. Sig Mickelson. illus map Mil Rev 58:36-45 Nov '78

NATURAL RESOURCESSee also

Minerals

The role of security assistance in maintaining access to strategic resources. William B. Hankée and Alwyn H. King. illus Parameters 8:41-50 Sep '78

U.S. Life Lines: Data and statistics, observations and conclusions. James D. Hessman and Ellen D. Bottiny. tabs illus Sea Power 21:31-34 Sep '78

Water as a source of conflict. Col Roy L. Thompson. illus tabs Strat Rev 6:62-72 Spring '78

NATURAL RESOURCES - ContinuedAfrica, South

Africa and Western lifelines. W.C.J. van Rensburg. illus tab Strat Rev 6:41-50 Spring '78

Russia

Soviet leadership dilemma. tab Natl Def 62:310-311 Jan-Feb '78

United States

A "diamond" in the rough. (Air Force natural resource program) Capt David J. Wesley. illus AF Engrg & Svcs Qtr 19:18-21-Feb '78

NAVAL ACADEMY, ANNAPOLIS, MD

Women at the Naval Academy: An attitude survey. Kathleen P. Durning. tabs Armed Forces & Soc 4: 569-588 Summer '78

Curricula

History and military education. Richard Megargee. illus Nav War Col Rev 30:3-15 Spring '78

History

The Lockwood incident. LT Charles M. Todorich. illus US Nav Inst Proc 104:71-73 Jun '78

NAVAL AIR SYSTEMS COMMAND

ASPJ (Airborne Self Protection Jammer): The next generation EW system? Coleman Rodgers. illus Mil Elect/Countermeasures 4:34+ Mar '78

NAVAL ART AND SCIENCE see Military Art and ScienceNAVAL AVIATIONBrazil

Wasps for Brazil(ian Navy). Elfan ap Rees. illus tab Air Pict 40:15 Jan '78

CanadaHistory

Cold country banshees. (Royal Canadian Navy Service) Francis J. Amody. illus tab Am Avn Hist Soc J 23:226-229 Fall '78

Great Britain

The Fleet Air Arm controversy and its implications for British defence. J. Till. Army Qtr 107:405-411 Oct '77

Russia

The Soviet Naval Air Force--development, organization and capabilities. Peter H. Rasmussen. illus Intl Def Rev 11, No.5:689-695 '78

Soviet Naval Aviation. Norman Polmar. illus tab AF Mag 61:67-70 Mar '78

The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78

United States

Black Hawk enters production--LAMPS future unsure. Ramon Lopez. illus Intl Def Rev 11, No.8:1269-1274 '78

Fleet air defense. Harold Moss. illus tab Natl Def 63:43-45+ Nov-Dec '78

NAVAL AVIATION - ContinuedUnited States - Cont'd

Naval aviation manpower development: Contractor vs Navy. H.P.Aue. illus Log Spectrum 11:31-37 Winter '77

Navigators in command: A naval perspective. Maj Michael E. Richardson. illus tab AU Rev 29:56-64 Jan-Feb '78

Navy aircraft never die: They just fray away. CAPT George J. Klett. illus US Nav Inst Proc 104:140-144 Nov '78

The planes and squadrons of CVWR-30. Peter Mersky. illus Am Avn Hist Soc J 23:168-172 Fall '78

Question: What's up in Naval Aviation? John Rhea. illus Sea Power 21:18-22 Mar '78

U.S. Navy examining a wide range of V/STOL concepts. Howard Levy. illus Interavia 33:227-229 Mar '78

History

Aircraft go to sea: A brief history of aviation in the U.S. Navy. William J. Armstrong. illus Aerosp Hist 25:79-91 Jun '78

The Butler Ames flying machine of 1910. R.D. Layman. illus Am Avn Hist Soc J 22:262-266 Winter '77

The Douglas Skyray in fleet colors. Nicholas M. Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78

The first carrier plane scouting mission. RADM George van Deurs, Ret. illus US Nav Inst Proc 104:76-77 Oct '78

NAVAL BASESUnited States

Is there a future for naval shipyards? Clinton H. Whitehurst, Jr. illus US Nav Inst Proc 104:30-40 Apr '78

NAVAL BASES, AMERICANIndian Ocean Region

Pentagon activity in the Indian Ocean. Yu. Lugovskoi. Soviet Mil Rev No. 3:50-51 Mar '78

The United States on Diego Garcia--a question of limits. Ryan J. Barilleaux. map AU Rev 29:25-33 Mar-Apr '78

NAVAL ELECTRONIC SYSTEMS COMMAND

Military electronics in the 1980s: Navy. Gerald Green. illus Mil Elect/Countermeasures 3:36-37 Dec '77-Jan '78

NAVAL LIFE see Military LifeNAVAL MATERIAL COMMANDSee also

Naval Air Systems Command
Naval Electronic Systems Command

NAVAL POSTGRADUATE SCHOOL

Are grad schools (Naval Postgraduate School and AFIT) needed? asks Hill. AF Times 39:7 Aug 14 '78

NAVAL RESEARCH LABORATORY

Military electronics in the 1980s: Navy. Gerald Green. illus Mil Elect/Countermeasures 3:36-37 Dec '77-Jan '78

NAVAL STATIONS see Naval BasesNAVAL WAR COLLEGECurricula

History and military education. Richard Megargee. illus Nav War Col Rev 30:3-15 Spring '78

NAVAL WARFARE

Anti-ship warfare. George Rogers. illus Intl Def Rev 11, No. 3:347-350 '78

Defense Director for Naval Warfare (William D. O'Neill). illus Natl Def 63:5 Nov-Dec '78

Naval warfare. William D. O'Neill. illus Natl Def 63: 26-29+ Nov-Dec '78

Satellites, sensors, and space stations: The next war at sea could start in outer space. William Ruhe. illus Sea Power 21:25-30 Sep '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78

Soviet naval strategy, 1968-1978: A reexamination. LCDR J.T. Westwood. illus tabs US Nav Inst Proc 104:114-127 May '78

Surprise in naval warfare. CAPTs Frank Andrews, Ret and Charles E. Woods, Ret. illus US Nav Inst Proc 104:84-97 May '78

Trends and patterns in major Soviet naval exercises. Donald C. Daniel. illus Nav War Col Rev 30:34-41 Spring '78

History

Naval warfare since 1945. Jürgen Rohwer, trans by C. Ulrich. illus US Nav Inst Proc 104:66-83 May '78

Problems of an amphibious power: Britain against France, 1793-1815. Piers Mackesy. Nav War Col Rev 30:16-25 Spring '78

Study and Teaching

Exercise report: The Northern Wedding. illus NATO's Fifteen Nations 23:90-91 Oct-Nov '78

NAVAL YARDS see Naval BasesNAVIGATIONSee also specific types of navigation, e.g.,

Radio Navigation
Space Navigation

Anyone can navigate. LtCol Thomas D. Bandler, Ret. (Reprinted from Navigator, vol 20, No. 2, 1973) illus Navigator 25:24-28 Summer '78

Equal time point. Capt Jay A. Weiss. map tab Navigator 25:28-29 Winter '78

Where will we be without Tacan? Capt Michael J. Schultz. illus Navigator 25:11-12 Winter '78

NAVIGATION - ContinuedHistory

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78

NAVIGATION, AIR

Pressure pattern. Capt Charlton J. Watters, Jr. illus tabs Navigator 25:21-23 Summer '78

NAVIGATION, CELESTIAL

Celestial techniques. Capt Jay A. Weiss. illus Navigator 25:20-21 Spring '78

Ground plotting by sixes. Capt William H. Price. illus tabs Navigator 25:14-15 Summer '78

History

The grand old man of navigation (CAPT Phillip Van Horn Weems, Ret). G.D. Dunlap. illus Navigator 25:5-8 Summer '78

NAVIGATION, INERTIAL

Decision on (number of future) navigators still several years off. Len Famiglietti. AF Times 38:2 Jan 1 '78

(Enlisted inertial navigation) systems operators may navigate some aircraft. AF Times 38:2 Mar 20 '78

Strap-down for the next generation? Signs that civil aviation will take a big step with INS (Inertial Navigation Systems). Dan Boyle. illus Interavia 33: 1039-1041 Nov '78

Strapdown inertials open new markets. Barry Miller. illus Elect Warfare/Def Elect 10:71-72+ Mar '78

NAVIGATION, INTERPLANETARY see Space NavigationNAVIGATION INSTRUMENTS

See also specific types of instruments, e. g.,

Compasses
Sextants

The grand old man of navigation (CAPT Phillip Van Horn Weems, Ret). G.D. Dunlap. illus Navigator 25:5-8 Summer '78

Lightweight Doppler Navigation System (LDNS: AN/ASN-128). CW3 Chuck Tidey. illus USA Avn Dig 24:22-25 Mar '78

NAVIGATION SYSTEMS

See also

Omega
Tacan

AWACS--where the action is! Maj Thomas A. Schumack. illus Navigator 25:12-14 Spring '78

Autonomous space sextant navigation system: illus Elect Warfare/Def Elect 10:32 Feb '78

Bomb/nav changes key to B-52 update. Benjamin M. Elson. illus (Also cutaway) Combat Crew 28:16-20 Dec '78

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

NAVIGATION SYSTEMS - Continued

Helicopter minesweeping operations. LT R. M. Davis. illus Intl Def Rev 11, No. 3:385-388 '78

The Joint Chiefs of Staff Master Navigation Plan. Col Stephen W. Gilbert. illus Navigator 25:9-11 Winter '78

Lightweight Doppler Navigation System (LDNS: AN/ASN-128). CW3 Chuck Tidey. illus USA Avn Dig 24:22-25 Mar '78

RNAV (aRea NAVigation): Corporate operators set the pace. Eric Wooten. illus tab Interavia 33:722-727 Aug '78

Strapdown inertials open new markets. Barry Miller. illus Elect Warfare/Def Elect 10:71-72+ Mar '78

NAVIGATORS

AWACS--where the action is! Maj Thomas A. Schumack. illus Navigator 25:12-14 Spring '78

Air Force navigator requirements. TIG Brief 30:17 Aug 25 '78

Basic GIB survival brief--on the care and feeding of nose gunners. Capt Peter T. McInerney. illus TAC Attack 18:22-23 Aug '78

Decision on (number of future) navigators still several years off. Len Famiglietti. AF Times 38:2 Jan 1 '78

(Enlisted inertial navigation) systems operators may navigate some aircraft. AF Times 38:2 Mar 20 '78

Everything you've always wanted to know about a U-2 navigator--but didn't know where or how to ask! Maj Phillip L. Jarvinen. tab illus (Also cutaway) Navigator 25:5-9 Spring '78

A full-time navigator. LtCol Orlen L. Brownfield. illus MAC Flyer 25:8-10 Jul '78

The grand old man of navigation (CAPT Phillip Van Horn Weems, Ret). G.D. Dunlap. illus Navigator 25:5-8 Summer '78

MAC decides to cut navigators on C-141s. Len Famiglietti. AF Times 39:2 Dec 25 '78

Nav typhoon chaser. 1stLt Nathan H. Krys. illus Navigator 25:20-21 Summer '78

Navigators in command: A naval perspective. Maj Michael E. Richardson. illus tab AU Rev 29:56-64 Jan-Feb '78

Prejudice or fact? A perspective from the PPPA (Prejudiced Pilots' Protective Assoc). illus AU Rev 29:65-69 Jan-Feb '78

Rated supplement program winds down; surplus low. tab AF Times 38:22 Jan 30 '78

Rendezvous in the "Q." Capt David E. Brown. illus Navigator 25:22-23 Spring '78

What future holds for navigators. Len Famiglietti. AF Times 38:2 Jul 24 '78

Windshear for navigators. LtCol Orlen L. Brownfield. MAC Flyer 25:15 Apr '78

Education and Training

B-52 EWO (Electronic Warfare Officer) to UNT (Undergraduate Navigator Training) instructor--an experience in job enrichment. Capt William M. Wanser. illus Navigator 25:10-11 Spring '78

NAVIGATORS - ContinuedEducation and Training - Cont'd

ISD (Instructional System Development) and the navigator. Maj Roy G. Emerson and Capt Vaughn L. Butterbrodt. illus Navigator 25:9-12 Summer '78

Radar training--the digital mandate. R.A. Heartz. illus Mil Elect/Countermeasures 4:57-59+ Oct '78

The TAC WSO (Weapon System Officer). Maj Terrence M. Murphy and Capt James T. Bridges. illus Navigator 25:13-14 Winter '78

"What's a Tweet?" (The T-37 in navigator training) Capt Eugene A. Rose. illus Navigator 25:16-19 Summer '78; Aerosp Safety 34:10-13 Oct '78

NAVY

See also subdivision Navy under specific subjects, e. g., Appropriations and Expenditures--Navy--U. S.

Exhibitions

International Navy Technology Expo '78 (Rotterdam, June 6-8, 1978). illus NATO's Fifteen Nations 23:84+ Jun-Jul '78

Forces, Squadrons, etcUnited States

The planes and squadrons of CVWR-30. Peter Mersky. illus Am Avn Hist Soc J 23:168-172 Fall '78

Canada

Canada: Hull down on the horizon. Joseph Fama. illus Def & For Aff Dig 6, No. 12:17-21 '78

China (People's Republic)

The maritime posture of Communist China. Niu Sien-chong. tab NATO's Fifteen Nations 23:110-111+ Feb-Mar '78

Egypt

Egypt deploys British ESM. illus Elect Warfare/Def Elect 10:79-80 Jan '78

France

France as a naval power: Her vessels, shipyards, and aircraft. Claude Niemes. illus NATO's Fifteen Nations 23:104-107 Oct-Nov '78

GermanyHistory

The German High Seas Fleet: A reappraisal. Cadet Jeffrey A. Romer. illus US Nav Inst Proc 104:56-61 Jan '78

Germany (Federal Republic)

The Federal German Navy's share of responsibility within NATO. VAdm Gunther Luther. Nav War Col Rev 31:97-99 Summer '78

The German Navy's Type 122 general-purpose frigate. Udo Philipp. illus tab Intl Def Rev 11, No. 4: 539-544 '78

NAVY - ContinuedGreat Britain

Britain's Navy prepares for Sea Harrier. illus (Also cutaway) Interavia 33:1174-1177 Dec '78

British seapower: The Royal Navy in 1978. Col Norman L. Dodd, Ret. illus US Nav Inst Proc 104:111-115 Jul '78

Invincible and Sea Harrier--an overdue combination? Derek Wood. illus Intl Def Rev 11, No. 2:161-163 '78

The Royal Navy's offshore Island class (patrol craft for the North Sea). James Duncan Ferguson. illus US Nav Inst Proc 104:115-117 Jul '78

Exhibitions

Highlights of the 1977 RN (Royal Navy) Equipment Exhibition (Greenwich, Sep 12-16)--expertise and controversy. illus Intl Def Rev 10:1131-1134 Dec '77

Iran

Building a Navy in a hurry (in Iran). LCDR Thomas F. Green. illus map tab US Nav Inst Proc 104:41-49 Jan '78

Italy

From the Lupo to the Maestrale. Ugo Mazza. illus tab Intl Def Rev 11, No. 5:748-752 '78

Italy: Quiet naval power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 4:19-20+ '78

Exhibitions

The Italian Naval (Industry) Exhibition (Genoa, May 8-14, 1978). illus NATO's Fifteen Nations 23:79-80 Jun-Jul '78

The 1978 Italian Naval Exhibition. illus Intl Def Rev pt 1, Ships and aircraft. 11, No. 5:769-772 '78; pt 2, Weapons, sensors and propulsion. 11, No. 6: 963-965 '78

Latin America

South American navies: Who needs them? Robert L. Scheina. illus US Nav Inst Proc 104:61-66 Feb '78

NATO

The Channel Command: Jugular vein of NATO. Adm Henry Leach. illus map NATO's Fifteen Nations 23:38-40+ Oct-Nov '78

Fire power of the (NATO) Striking Fleet. John Marriott. illus tab NATO's Fifteen Nations 23:44-46+ Apr-May '78

Netherlands

The Royal Netherlands Navy's standard frigate. Capt F. de Blocq van Kuffeler, Ret. illus tabs Intl Def Rev 11, No. 4:520-524 '78

New Zealand

New Zealand's defence problems. Col Norman L. Dodd, Ret. illus map chart RUSI J for Def Studies 123:49-56 Jun '78

NAVY - ContinuedRussia

- Fast patrol boats; Key to Soviet world domination? illus maps Elect Warfare/Def Elect 10:35-44 Jul '78
- Flying the Soviet flag. Capt G.Savichev. illus Soviet Mil Rev No.1:51-53 Jan '78
- Gorshkov: The broader view. Stefan T.Possony. illus Def & For Aff Dig 6, No.12:4-6 '78
- The Great Bear hug. Capt J.J.R.Oswald. illus RUSI J for Def Studies 123:36-42 Jun '78
- The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J.Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78
- Professional self-image and the Soviet Navy. LCDR Kenneth R.McGruther. illus Nav War Col Rev 30: 71-78 Winter '78
- Soviet naval policy and Atlantic strategy. Comdr Ulrich Weissner. tab RUSI J for Def Studies 122: 60-65 Dec '77
- Soviet naval strategy, 1968-1978: A reexamination. LCDR J.T.Westwood. illus tabs US Nav Inst Proc 104:114-127 May '78
- The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78
- Soviet Navy progress. Pictorial. US Nav Inst Proc 104:163-166 Mar '78
- Soviet surface naval weapons. Julian Lake. illus Mil Elect/Countermeasures 4:14-15 May '78
- Trends and patterns in major Soviet naval exercises. Donald C.Daniel. illus Nav War Col Rev 30:34-41 Spring '78
- The wartime role of Soviet SSBs. CDR Richard T. Ackley, Ret. illus US Nav Inst Proc 104:34-42 Jun '78

History

- (Actions of different fighting arms of the Soviet Navy) on the enemy's sea communications (during the Great Patriotic War, 1941-45). Capt G.Ammon. illus map Soviet Mil Rev No.6:8-11 Jun '78

- Ocean watch. Interview. Adm Sergei Gorshkov. illus Soviet Mil Rev No.6:2-7 Jun '78

South Africa (Republic)

- South Africa's naval future. (Interview with VAdm J.C.Walter) John Fullerton. illus Def & For Aff Dig 6, No.7:24+ '78

United StatesSee also

- Military Sealift Command
also specific fleets, e.g.,
Fleet, 6th

- (ADM) Hayward succeeds (ADM) Holloway as CNO. illus Sea Power 21:31 May '78

- ADM (Thomas B.) Hayward becomes CNO. Officer 54:15 Jul '78

NAVY - ContinuedUnited States - Cont'd

- Advanced Navy ships. Ronald E.Adler. illus Natl Def 63:40-42+ Nov-Dec '78
- Atlantic Council recommends major increase in funding for U.S. Navy. L.Edgar Prina. illus Sea Power 21:13-16 Dec '78
- The breakdown in naval shipbuilding. John R.Newell. illus US Nav Inst Proc 104:24-31 Jan '78
- C³ and EW in the Navy. CAPT Albert A.Gallotta, Jr. illus tab Mil Elect/Countermeasures 4:67-69 Apr '78
- Changes in status of ships, 1 October 1977-30 September 1978. Samuel L.Morison. US Nav Inst Proc 104:119-120 Oct '78
- Changing the guard: President Carter names new chiefs for JCS, Air Force, Navy, Coast Guard. illus Armed Forces J Intl 115:12 May '78
- Computer systems in the Navy. Richard Edwin Fryer. illus tab Def Sys Mgt Rev 1:40-46 Summer '78
- Debating the real issues about the future of the U.S. Navy. Bridget Gall. tabs Armed Forces J Intl 115: 25-28+ May '78
- Diminishing Navy resources. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Apr 17 '78
- Freedom of the seas ... bottom line for survival. Capt Morris L.Hayes. illus Natl Def 63:34-35+ Jul-Aug '78
- The great naval debate. (Interview with CAPT Alva M.Bowen, Jr, Ret) Craig J.Spence. illus Def & For Aff Dig 6, No.9:52-54 '78
- Gutting it out: If they weren't SEALs, they'd be climbing Mount Everest. (SEa-Air-Land infiltration reconnaissance teams, the Navy's commandos) Fred Reed. illus AF Times, Times Magazine sup:6-12 Sep 4 '78
- In the Navy's future: The small, fast surface ship. CDR Ronald E.Adler, Ret. illus US Nav Inst Proc 104:102-111 Mar '78
- Is it time to sink the surface Navy? William S.Lind. illus US Nav Inst Proc 104:62-67 Mar '78
- Leadership and nuclear power. (Prize Essay, 1978) LT Ralph E.Chatham. illus US Nav Inst Proc 104: 78-82 Jul '78
- Looking ahead. Interview. ADM Thomas B.Hayward. illus Sea Power 21:23-30 Oct '78
- Naval strategy: The C³ connection. VADM Robert Y. Kaufman. illus Signal 32:7-8+ Jan '78
- Navy, DOD debate "basic, fundamental disagreement" over future character, size of carrier aviation. Benjamin F.Schemmer. illus Armed Forces J Intl 116:41-42 Mar '78
- The Navy of the 21st century: Representative Tribble calls for 'small ship Navy' to augment 'big ship Navy.' James D.Hessman. illus Sea Power 21: 20-22 Dec '78
- The Navy's clouded amphibious mission. VADM Robert S.Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

NAVY - ContinuedUnited States - Cont'd

Navy's new 5-year shipbuilding plan is even smaller than last Spring's. tab Armed Forces J Intl 116:13 Dec '78

A new kind of Navy. CDR Timothy J. Keen, Ret. tab illus US Nav Inst Proc 104:32-40 Jan '78

New Navy and Air Force leadership. illus Natl Def 63:5 Jul-Aug '78

Planning a Navy: The risks of conventional wisdom. R. James Woolsey. Intl Sec 3:17-29 Summer '78

Planning begins for V/STOL avionics. James Fawcette. illus tabs Elect Warfare/Def Elect 10:48-52 Feb '78

Sea-based "strategic" weapons for the 1980s and beyond. Norman Polmar and CAPT D.A. Paolucci, Ret. illus tabs US Nav Inst Proc 104:98-113 May '78

Seagoing guinea pigs. (Four Mitscher-class destroyers which served as naval laboratories) illus US Nav Inst Proc 104:74-83 Jun '78

Seakeeping--and the SWATH (Small Waterplane Area Twin Hull) design. LCDR Stephen R. Olson. illus tabs US Nav Inst Proc 104:139-146 Mar '78

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

Shipboard defense: EW proving its mettle. Richard Hartman. illus Elect Warfare/Def Elect 10:45-50 Aug '78

Submarines, SLCMs, and shipbuilding settlements. James D. Hessman. illus Sea Power 21:36-38 Jul '78

The surface Navy: All stop or all ahead flank? CAPT Henry C. Mustin. illus US Nav Inst Proc 104:56-61 Mar '78

A surface Navy for today's threat. Worth H. Bagley. illus US Nav Inst Proc 104:34-39 Sep '78

The surface Navy: Meeting the challenge. VADM James H. Doyle, Jr. illus US Nav Inst Proc 104:34-35 Mar '78

Technologically improved warships: A partial answer to a reduced fleet. Reuven Leopold. Intl Sec 2:185-194 Spring '78

Tomorrow's fleet. CDR John D. Alden. illus US Nav Inst Proc 104:117-123 Jan '78

Turning problems into success: The saga of Navy's standard computer (Sperry Univac UYK-20). F. Clifton Berry, Jr. Armed Forces J Intl 115:9 Apr '78

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. illus Officer 54:8 Jul '78

U.S. Navy examining a wide range of V/STOL concepts. Howard Levy. illus Interavia 33:227-229 Mar '78

U.S. Navy ship design. Jan W. Snouck-Hurgronje. illus tab Natl Def 63:34-38 Nov-Dec '78

NAVY - ContinuedUnited States - Cont'd

The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

The V/STOL Catch 22s. (Prize Essay, 1978) LT James L. George, Ret. illus tab US Nav Inst Proc 104:22-29 Apr '78

History

Climax at Lake Champlain (War of 1812). James A. Carr. maps Natl Def 63:59-62+ Nov-Dec '78

An eyewitness account of the Battle of Lake Erie. Richard J. Cox. illus tabs US Nav Inst Proc 104:67-74 Feb '78

Fantasies of mutiny and murder: A suggested psychohistory of the seaman in the United States Navy, 1798-1815. Christopher McKee. Armed Forces & Soc 4:293-304 Winter '78

"Fighting Bob" Evans and the America's Cup patrol fleet. ENS C. Douglas Kroll. illus US Nav Inst Proc 104:94-95 Nov '78

Organization

Navy C2--an evolution. ADM Robert Long. illus Sig-nal 32:22-25 Aug '78

Up and down the organization. CDR Victor S. Gulliver. illus US Nav Inst Proc 104:103-106 Aug '78

Warsaw Pact

The problems in the Baltic--threat and response. Comdrs Ulrich Weisser and Klaus Jancke. illus map NATO's Fifteen Nations 23:52-56 Apr-May '78

Yugoslavia

The Yugoslavian Navy: A critical review. Milan N. Vego. illus US Nav Inst Proc 104:127-133 Sep '78

NAVY DAY

Navy Day '78. illus Sea Power 21:33-39 Dec '78

NAVY EXCHANGES see Exchanges--NavyNAVY LEAGUE

Declaration of principles and objectives, Navy League of the United States. (Text of resolutions adopted at convention, Seattle, May 5, 1978) illus Sea Power 21:32-35 Jun '78

Navy Day '78. illus Sea Power 21:33-39 Dec '78

Navy League 76th Convention. (Seattle, May 1-5, 1978) illus Sea Power 21:22-34 Jul '78

Directories

National directory, Navy League of the United States, 1978-79. Sea Power 21:38-42 Aug '78

NEGOTIATION

The Indian Ocean negotiations: Rocks and shoals. RADM Robert J. Hanks, Ret. illus Strat Rev 6:18-27 Winter '78

NEGOTIATION - Continued

MBFR (Mutual and Balanced Force Reductions): Little progress but disquieting trends. Jeffrey Record. illus tab Strat Rev 6:11-17 Summer '78

NEGROES IN THE ARMED FORCES see Blacks in the Armed ForcesNEUTRALITYIceland

Conflicting concepts in Iceland, 1939: A case study. Maj Donald F. Bittner. illus Aerosp Hist 25:12-18 Mar '78

Scandinavia

Scandinavia: The busy pivot between East and West. John Fullerton. illus Def & For Aff Dig 6, No. 4: 4-8 '78

NEUTRON BOMB

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

The neutron bomb and the defense of NATO. BrigGen Edwin F. Black, Ret and S. T. Cohen. illus tab Mil Rev 58:53-61 May '78

The neutron bomb: Proceed, but with caution. Bob Carr. tabs NATO's Fifteen Nations 22:50-52+ Dec '77-Jan '78

The neutron warhead: Stormy past, uncertain future. LtCol Alex A. Vardamis. illus Parameters 8:40-48 Mar '78

The neutron weapon enigma. E. W. Seabrook Hull. illus tabs Natl Def 62:538-543+ May-Jun '78

NEWMAN, Aubrey S.

Give credit where and when due. MajGen A. S. Newman. Army 28:50-51 Aug '78

Many athletes become fine soldiers. MajGen A. S. Newman. por Army 28:57-58 Mar '78

NEWS MEDIA

All about you. (AF's Home Town News Center keeps friends and families informed about Air Force members) Capt Dick Sheffield. illus Airman 22: 15-20 Aug '78

It takes more than talent to cover a war. (Training the military reporter) Col William V. Kennedy. illus Army 28:23-26 Jul '78

The military and the fourth estate. (Remarks, Media-Military Symposium, Air War College, Maxwell AFB, Ala, Nov 29-30, 1977) LtGen Raymond B. Furlong. AF Plcy Ltr for Comdrs: Sup No. 2:21-24 Feb '78

News media access to site of an Air Force mishap. TIG Brief 30:21 Nov 17 '78

"The Pentagon said today ..." MSgt Bruce N. Bant. illus Soldiers 33:45-49 May '78

NEWSPAPERS

Hill OK seen on paid ads for 'Stars and Stripes.' AF Times 38:6 Mar 20 '78

Inspector General reports in base newspapers. TIG Brief 30:15 Jul 21 '78

NEWSPAPERS - Continued

It takes more than talent to cover a war. (Training the military reporter) Col William V. Kennedy. illus Army 28:23-26 Jul '78

The (Soviet) military press. Col V. Ryabchikov. illus Soviet Mil Rev No. 5:34-35 May '78

Wall newspapers. (Soviet press) Col F. Zenovsky. Soviet Mil Rev No. 11:62 Nov '78

NIGHT FIGHTING

Antiarmor night fighting. illus Armor 87:40-41 Jan-Feb '78

Night LADD/TOSS. Capt Gary A. Mekash and Maj John H. Cain. illus tabs USAF Ftr Wpns Rev, pp 27-31, Summer '78

We can see at night. Capt Donald B. Skipper. illus Infantry 68:40-41 Nov-Dec '78

Equipment

The goggles that turn off the sun. (LADs, Light-Attenuation Devices) Paul R. Bleda and LtCol Thomas M. Johnson. illus Army 28:36-39 Mar '78

Night viewing devices. Charles Latour. illus tab NATO's Fifteen Nations 23:94+ Feb-Mar '78

Night vision: On target. SP5 Manuel Gomez. illus Soldiers 33:18-21 Mar '78

We can see at night. Capt Donald B. Skipper. illus Infantry 68:40-41 Nov-Dec '78

NIGHT FLYING

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches. Henry W. Mertens. illus tabs Aviation, Space & Envt Med 49:1043-1055 Sep '78

Military helicopter night flying--problems increase overland. Dan Boyle. illus Interavia 33:426-428 May '78

Night flight. Maj Wayne E. Griffith. illus Aerosp Safety 34:14-18 Oct '78

Night LADD/TOSS. Capt Gary A. Mekash and Maj John H. Cain. illus tabs USAF Ftr Wpns Rev, pp 27-31, Summer '78

Night owls do it in the dark. Capt Pete Abler. illus TAC Attack 18:10-12 Jul '78

Night vision goggle: Human factors aspects of the AN/PVS-5. Maj William C. Wood. illus USA Avn Dig 24:32-35 Jul '78

VSTOL night approach. LT G. P. Tierney. illus Approach 23:28-29 Mar '78

Study and Teaching

Night and adverse weather training. LtCol Matthew R. Kambrod. USA Avn Dig 24:11-12 Sep '78

NOISE

The AICUZ (Air Installation Compatible Use Zone) program at Dobbins AFB (Ga). Col John H. Smith. illus AF Engrg & Svcs Qtr 19:34-37 Feb '78

NOISE - Continued

Hear today, gone tomorrow ... how long? (Tests at Aerospace Medical Research Laboratory) illus AF Times 39:34 Sep 25 '78

Supervisor's responsibility concerning occupational physical examinations. TIG Brief 30:3 May 26 '78

NONAPPROPRIATED FUNDS

AFRTS (American Forces Radio and Television Service) switch rejected. AF Times 38:31 Mar 6 '78

GAO questions NAF investment returns. AF Times 38:20 Apr 24 '78

Improvements pushed in setting NAF pay scale. AF Times 38:22 Jan 1 '78

MWR (Morale, Welfare and Recreation) activities face cut in tax funding. AF Times 38:35 Apr 24 '78

NONCOMMISSIONED OFFICERSAir Force--U.S.

Analyzing the factors in E-9 promotion story. Bruce Callander. tab AF Times 38:36+ May 15 '78

Assignments for senior NCOs (grades E-8 and E-7). TIG Brief 30:13 Jul 21 '78

The Chapel Professional Program Support Branch NCOIC. TIG Brief 30:13 Apr 14 '78

Chief Enlisted Manager (CEM) codes Q&A. AF Times 39:24 Sep 18 '78

Chiefs group will include all E-9s. Bruce Callander. AF Times 38:3 Mar 27 '78

E-4 Sgts can teach NCO PME. AF Times 38:12 Jan 23 '78

E-5s, 6s allowed private rooms. Ron Sanders. AF Times 39:1+ Dec 4 '78

E-6, E-7 promotions: Test scores make the difference. Bruce Callander. tab AF Times 38:7+ Jul 3 '78

E-6 through 9 sought for shortage retraining. AF Times 38:43 May 1 '78

819 selected for E-9 hikes. Bruce Callander. AF Times 38:3+ May 8 '78

1869 picked for E-8 hikes. AF Times 38:10+ Jun 26 '78

11,420 selected for E-5 hikes. Bruce Callander. AF Times 39:16+ Jul 31 '78

Expanded Chiefs Group. TIG Brief 30:25 Jul 7 '78

Facts wanted on E-4s waiting for courses. AF Times 39:22 Aug 14 '78

Follow the leader. (AF's new Chief Master Sergeant) SMSgt Harold Newcomb. illus Airman 22:8-12 Jan '78

Latest WAPS study hints at no changes. AF Times 39:8 Oct 30 '78

Major problems in PME program. Randy Moore. AF Times 39:3 Oct 9 '78

May quota--6000 stripes for E-4, above. Bruce Callander. AF Times 38:3 Apr 17 '78

NONCOMMISSIONED OFFICERS - ContinuedAir Force--U.S. - Cont'd

Most say BTZ (Below-The-Zone) hikes boost reenlistments. AF Times 38:10 Mar 6 '78

NCO Academy graduation. (Remarks, Military Airlift Command NCO Academy-East, McGuire AFB, NJ, March 28, 1978) MajGen H.A.Morris. AF Plcy Ltr for Comdrs: Sup No.7:20-23 Jul '78

(NCO) hikes for July: Everybody up! Bruce Callander. AF Times 38:1+ Jun 19 '78

NCO professionalism--a straw man. SMSgt Roger P. Schneider. illus AU Rev 29:73-76 Jul-Aug '78

NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78

9828 selected for E-5 promotions. AF Times 38:8+ Feb 6 '78

Nonsense, common sense, and the professional NCO. SMSgt George H.Day. illus tabs AU Rev 29:66-72 Jul-Aug '78

The ol' sarge: Words to reflect upon. LtGen John P. Flynn. TIG Brief 30:2 Apr 14 '78

Order of the Sword: Symbol of esteem. AF Times 38:41 May 29 '78

PME parley rejects reading test for NCOs. AF Times 39:23 Jul 31 '78

'Prestige' makes E-4 split work. AF Times 39:26 Aug 7 '78

Readiness and freedom. (Remarks, Air Force Sergeants Assoc International Convention, San Antonio, Tex, Aug 20, 1978) Gen John W.Roberts. AF Plcy Ltr for Comdrs: Sup No.11:23-29 Nov '78

Recruiters get break in high-cost regions. AF Times 39:13 Sep 11 '78

'Reenlistment privilege, not right.' (AFR 35-16) AF Times 39:66 Aug 14 '78

Retirement: EM severance pay, vesting. Bruce Callander. AF Times 39:3 Dec 18 '78

Room at the top. (Chief master sergeants as the ranking managers of the enlisted force) Editorial. AF Times 39:15 Sep 25 '78

Seasonal slowdown hits airman promotion quotas. AF Times 39:8 Sep 25 '78

Selecting subject matter specialists. TIG Brief 30:13 Mar 3 '78

Sr NCO Academy: Selection revamped. Len Famiglietti. AF Times 38:2 Jul 3 '78

6000 EM due hikes Feb 1. Bruce Callander. AF Times 38:3 Jan 23 '78

6641 NCOs moving up one grade on Aug 1. AF Times 38:8 Jul 24 '78

Skills overhauled--E-9s top managers. Bruce Callander. AF Times 39:1+ Sep 18 '78

3826 NCOs up for June promotion. Bruce Callander. AF Times 38:4 May 22 '78

3139 NCOs due hikes in March. Bruce Callander. AF Times 38:3 Feb 20 '78

Top (12) enlisteds of the year. illus AF Times 38:7 May 8 '78

NONCOMMISSIONED OFFICERS - ContinuedAir Force--U.S. - Cont'd

Twelve examples to follow. (Outstanding Airmen for 1978) Bonner Day. illus tab AF Mag 61:60-62 Nov '78

2594 NCOs getting 'Yule' hike. Bruce Callander. AF Times 39:3 Nov 20 '78

Volunteers needed in EM flying jobs. Len Famiglietti. AF Times 39:4 Aug 21 '78

Warskil due to be doubled. Len Famiglietti. AF Times 39:3 Dec 11 '78

Armed Forces--Russia

Officers' immediate assistants. Col N.Smirnov. illus Soviet Mil Rev No.9:9-11 Sep '78

Army--U.S.

A day in the life of a drill sergeant. Sgt1C Matt Glasgow. illus Soldiers 33:6-14 Aug '78

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

NCO Corps: Is it really back on top? LtCol Ernest L. Webb. Army 28:27-29 Jul '78

Opening a window on NCO professionalism. MSgt Danny Snyder. Army 28:16-18 Dec '78

The safety NCO. Maj Craig C. MacNab and Capt Frederick P.A. Hammersen. Fld Arty J 46:62-63 May-Jun '78

Sergeants' business. (Condensation of address, Army Sergeants Major Academy, Fort Bliss, Tex, Nov 3, 1977) Gen Donn A. Starry. illus Mil Rev 58:2-9 May '78

'We have met the challenge.' SMA William G. Bainbridge. illus Army 28:26-28 Oct '78

Marine Corps--U.S.

Strengthening the Corps' backbone. LtCol W.P. Eshelman and Capt F.J. Martillo, Jr. illus tab MarCor Gaz 62:45-50 Apr '78

What's expected of sergeants major. MajGen David M. Twomey. MarCor Gaz 62:14-15 Dec '78

NONCOMMISSIONED OFFICERS ACADEMIES

1100 get Senior NCO Academy bid. tab AF Times 39:17+ Oct 16 '78

1stSgts told: Go to Academy. AF Times 38:2 Jan 23 '78

Minimum quotas set for Sr NCO school attendance. AF Times 39:7 Sep 4 '78

NCO Academy graduation. (Remarks, Military Airlift Command NCO Academy-East, McGuire AFB, NJ, March 28, 1978) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No.7:20-23 Jul '78

NONCOMMISSIONED OFFICERS ACADEMIES - Continued

Noncom schools, accredited dates. tabs AF Times 39:29 Aug 28 '78

PME parley rejects reading test for NCOs. AF Times 39:23 Jul 31 '78

Q&A on Senior NCOA. AF Times 39:30+ Oct 2 '78

Senior NCO Academy selectees get voice in class selection. AF Times 39:2 Sep 18 '78

Sr NCO Academy: Selection revamped. Len Famiglietti. AF Times 38:2 Jul 3 '78

Strengthening the Corps' backbone. LtCol W.P. Eshelman and Capt F.J. Martillo, Jr. illus tab MarCor Gaz 62:45-50 Apr '78

Three NCO leadership schools now eligible for CCAF credit. AF Times 39:8 Aug 7 '78

NONCOMMISSIONED OFFICERS ASSOCIATION

Pay commission (President's Commission on Military Compensation) ignores EM's plight, NCOA says. AF Times 38:3 Mar 13 '78

NONCOMMISSIONED OFFICERS CLUBS see Service-men's ClubsNORTH AMERICAN AIR DEFENSE COMMAND

Former NORAD chief gives views on air defense. Interview. Gen Daniel James, Jr. illus AF Times 38:27+ Feb 13 '78

NORAD/ADCOM: A growing role in space. Edgar Ulsamer. illus AF Mag 61:28-33 Aug '78

1978 NORAD Weapons Load(ing) Competition. Maj Lionel P. Johnson. illus Interceptor 20:8-15 Jun '78

The sun watchers. (Sun and solar flares are monitored at NORAD's Cheyenne Mountain complex in Colorado) Robert K. Ruhl. illus Airman 22:2-8 Nov '78

NORTH ATLANTIC TREATY ORGANIZATIONSee also

Allied Command, Atlantic
Allied Command Channel
Allied Command Europe
NATO Integrated Communications System
also subdivision under specific subjects, e.g.,
Defenses--NATO

Achieving NATO's standardization objectives. William E. Stoney. Signal 32:78-80 Aug '78

Airpower--NATO's foremost deterrent. Edgar Ulsamer. illus AF Mag 61:24-30 Apr '78

Amphibious warfare: The northern flank. Desmond Wettren. illus NATO's Fifteen Nations 23:28-29+ Apr-May '78

Assignment: Norway. TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:41-48 Jul '78

Autumn Forge 78/Reforger. illus USA Avn Dig 24:7 Nov '78

"Bloody battle" over U.S. commitment to NATO for 3% real budget increase. Benjamin F. Schemmer. tabs Armed Forces J Intl 116:8-10+ Nov '78

NORTH ATLANTIC TREATY ORGANIZATION -
Continued

- Britain's role in NATO: Increasing commitment. Fred Mulley. illus Def & For Aff Dig 6, No.10: 6-9 '78
- The British perspective: United Kingdom/United States. H.George Franks. illus NATO's Fifteen Nations 22:110-113 Dec '77-Jan '78
- C³I: An overview. Gerald P.Dinneen. illus Signal 33: 10-13 Nov-Dec '78
- 'Can-do' won't do in Norway. Maj Sean Leach. illus MarCor Gaz 62:52-56 Sep '78
- Combat support. Everett D.Greinke. illus tab Signal 33:23-24+ Nov-Dec '78
- Communication interoperability in the NATO environment. LtCol Jack Hartog. Signal 32:86-88 Aug '78
- Continuous land combat operations: Are we only half effective? John J.Emanski and John C.Scharfen. RUSI J for Def Studies 123:26-31 Jun '78
- Dawn Patrol. TSgt Quentin Worth. illus Air Reservist 30:8 Aug '78
- Defense in the Netherlands. Yves Robins and others. tabs illus NATO's Fifteen Nations 23:123+ Oct-Nov '78
- "Division of labor" in the Western Alliance. Col Marc E.Geneste, Ret. illus US Nav Inst Proc 104:42-51 Nov '78
- Eurocommunism. Gen T.R.Milton, Ret. AF Mag 61:37 Jan '78
- European security: The prospect of change. Lawrence Freedman. RUSI J for Def Studies 123:20-26 Mar '78
- Exercise report: The Northern Wedding. illus NATO's Fifteen Nations 23:90-91 Oct-Nov '78
- The Federal German Navy's share of responsibility within NATO. VAdm Gunther Luther. Nav War Col Rev 31:97-99 Summer '78
- Fire power of the (NATO) Striking Fleet. John Marriott. illus tab NATO's Fifteen Nations 23:44-46+ Apr-May '78
- (Gen Alexander M.) Haig essential to NATO. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Jun 19 '78
- The higher direction of NATO. Gen H.F.Zeiner Gundersen. illus NATO's Fifteen Nations 23:18-20+ Aug-Sep '78
- How DOD's "year of the NATO budget" was slightly mauled by Congress. Armed Forces J Intl 116:14 Oct '78
- Huskier NATO heads '79 Defense priorities. Eric C. Ludvigsen. illus tabs Army 28:14-19 Mar '78
- The importance of the northern flank to NATO. Gen Peter Whiteley. illus NATO's Fifteen Nations 23: 18-20+ Apr-May '78
- Improving NATO's efficiency and getting the Alliance more resources. Interview. Gen Alexander M. Haig. illus Armed Forces J Intl 116:26-27+ Sep '78
- In focus (formerly Focus on ...) Regular feature in issues of Air Force Magazine beginning with February 1978 issue

NORTH ATLANTIC TREATY ORGANIZATION -
Continued

- An industrial view of armament export and collaboration. Claus-Detlef Lehmann. illus NATO's Fifteen Nations 23:69-71 Oct-Nov '78
- Inter-allied goals for a strong NATO defense. Harold Brown. illus Command 1:2-3+ Dec '78
- International initiatives for missiles. G.R.Wenninger. illus Mil Elect/Countermeasures pt 1, 4:23+ Nov '78; pt 2, 4:46+ Dec '78
- Interview. (Gen) Alexander M.Haig, Jr. illus Def & For Aff Dig 6, No.1:4-7 '78
- It's "easier to turn this building around ... than it is to turn around 14 NATO allies." Interview. Robert W.Komer. illus Armed Forces J Intl 116:47-52 Sep '78
- Man against nature: Exercise Arctic Express. Maj J.T.Kallunki. illus NATO's Fifteen Nations 23: 65-68 Apr-May '78
- Minewarfare--policy or palsy? LtComdr G.R. Spooner. tabs illus RUSI J for Def Studies 123: 52-57 Mar '78
- Mutual force reductions: A military perspective. Steven Canby. Intl Sec 2:122-135 Winter '78
- NATO--a military appraisal. Gen H.F.Zeiner Gundersen. RUSI J for Def Studies 123:17-22 Sep '78
- NATO and disaster relief. Hugh Hanning. illus RUSI J for Def Studies 122:31-34 Dec '77
- (NATO and the Soviet threat) (Banquet address, AFCEA Convention, Washington, June 20-22, 1978) Gen Alexander M.Haig, Jr. illus Signal 32:33-37 Aug '78
- NATO and the Warsaw Pact--an assessment. Col Phil Stevens, Ret. tabs Mil Rev 58:34-42 Sep '78
- NATO: Assessing the assessors. David Harvey. Def & For Aff Dig 6, No.1:15-16+ '78
- NATO at the crossroads. Jon L.Boyes. Signal 32: 49-53 Jan '78
- NATO: Calling in its membership dues. John Fullerton. illus Def & For Aff Dig 6, No.1:10-12 '78
- NATO 1978. L.Edgar Prina. illus Sea Power 21: 21-26 Nov '78
- NATO--on the road toward a 'coalition warfare' posture. (Report on Air Force Association's National Symposium on "Theater Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61:50-56 Jan '78
- NATO posture. (Statement before Senate Armed Services Committee, March 1, 1978) Gen W.L. Creech. AF Ploy Ltr for Comdrs: Sup No.5:9-18 May '78
- NATO principles of logistics and U.S. readiness: A changing environment. LtGen Joseph M.Heiser, Jr, Ret. illus map Def Mgt J 14:18-23 Mar '78
- NATO readiness--frank talk at last. F.Clifton Berry, Jr. Armed Forces J Intl 114:24 Mar '77
- NATO, standardisation and nationalism: An economist's view. Keith Hartley. RUSI J for Def Studies 123:57-60 Sep '78

NORTH ATLANTIC TREATY ORGANIZATION - Continued

- NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77
- The NATO Washington summit (May 30-31, 1978): Improving the Alliance for 15 years. illus NATO's Fifteen Nations 23:102-108 Jun-Jul '78
- NATO's ACE (Allied Command Europe) turns up trumps (ACE Mobile Force). Maj R. A. G. Young. illus Army 28:14-18 Sep '78
- NATO's cohesion, Europe's future. Maj Robert W. Chandler. illus tab AU Rev 29:8-21 May-Jun '78
- NATO's ideological sabotage. LtGen A. Shevchenko. illus Soviet Mil Rev No. 8:40-43 Aug '78
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78
- NATO's new cautious optimism. Edgar Ulsamer. illus AF Mag 61:37-42 Jun '78
- NATO's unused resource. (Territorial forces) Abbott A. Brayton. illus Infantry 68:23-24 Jan-Feb '78
- New directions for NATO. William J. Perry. Def Sys Mgt Rev 1:66-73 Autumn '78
- New focus on NATO--the Defense budget. Charles W. Corddry. illus tabs Natl Guardsman 32:2-5 Mar '78
- New imperatives for the old Alliance. Robert Ellsworth. Intl Sec 2:132-148 Spring '78
- The new strategy: A redistribution of weakness. James D. Hessman. Sea Power 21:23-28 Mar '78
- 1978 NATO summit meeting (Washington, May 30-31, 1978). Charles DeVore. Signal 32:36 Jul '78
- North Atlantic Assembly (Assemblée de l'Atlantique Nord). (23d Plenary Session, Paris, Sep 17-24, 1977) G. M. Bailly-Cowell. illus NATO's Fifteen Nations 22:53+ Oct-Nov '77
- The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 61:74-75+ Dec '78
- Northern European Command exercises. illus map MarCor Gaz 62:15-19 Jul '78
- The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78
- Official remarks. (Resume of present situation in NATO) (Speech, SHAPE Officers Assoc annual meeting, Belgium, Sep 24, 1977) Gen Alexander M. Haig, Jr. illus NATO's Fifteen Nations 23:104-106 Apr-May '78
- A prudent (NATO) peripheral perspective. Gen T. R. Milton, Ret. AF Mag 61:30 Mar '78
- Rationalizing--a NATO solution. Gen T. R. Milton, Ret. illus Natl Def 62:324-326 Jan-Feb '78

NORTH ATLANTIC TREATY ORGANIZATION - Continued

- Readiness in NATO. (Statement, House Subcommittee on NATO Standardization, Interoperability and Readiness, Washington, June 21, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No. 9:11-20 Sep '78
- Reforger puts bite in NATO. illus AF Times 39:34 Dec 11 '78
- Reforger replay. Steve Abbott. illus Soldiers 33:34-37 Aug '78
- Reinforcement operations in northern Norway. Charles Latour. illus NATO's Fifteen Nations 23:34-36+ Apr-May '78
- "The role of technology in strengthening NATO." William J. Perry. illus NATO's Fifteen Nations 23:52-55 Feb-Mar '78
- Soviet naval policy and Atlantic strategy. Comdr Ulrich Weissner. tab RUSI J for Def Studies 122:60-65 Dec '77
- Soviet perceptions of NATO. Keith A. Dunn. Parameters 8:58-69 Sep '78
- The Soviet Union and the northern flank of NATO. P. H. Vigor. map NATO's Fifteen Nations 23:58-60 Apr-May '78
- Standardization or bankruptcy for NATO. LtCol Edmund K. Daley, Jr. illus US Nav Inst Proc 104:78-87 Nov '78
- Streamlining airpower for theater warfare. (2d report on AFA's Symposium on "Theatre Deterrence for the '80s") Edgar Ulsamer. illus AF Mag 61:28-35 Feb '78
- Tactical C³: Bringing order out of chaos. F. Clifton Berry, Jr. illus tab Armed Forces J Intl 115:13-20+ Apr '78
- Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77; pt 2, The NATO Warsaw Pact imbalance. 115:20-24+ Jan '78
- The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78
- Trade liberalization as a path to weapons standardization in NATO. Charles Wolf, Jr and Derek Leebaert. tabs Intl Sec 2:136-159 Winter '78
- Transmission of NATO classified material. TIG Brief 30:9 Aug 25 '78
- The Turkish-Greek conflict: U.S. intelligence suffers most. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:9-10 Feb '78
- Two NATO exercises (Ocean Safari and Avon Express). Comdr Chris Elliot. illus NATO's Fifteen Nations 22:114-121 Dec '77-Jan '78
- United Kingdom air defence in the environment of NATO. ACM David Evans. illus NATO's Fifteen Nations 23:24-26+ Aug-Sep '78
- U.S. Armed Forces in Europe. (Remarks, U.S. and NATO Armed Forces personnel, Ramstein AB, Ger, May 19, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 8:2-8 Aug '78
- U.S. NATO policy: The challenge and the opportunity. Robin L. Beard. illus US Nav Inst Proc 104:52-61 Nov '78

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Foreign Policy

Conspiracy against Africa. Maj Yu. Gavrilov. Soviet Mil Rev No. 9:50-51 Sep '78

Organization

Northern Army group: 25 years. illus map NATO's Fifteen Nations 22:77-88 Oct-Nov '77

NORTH CENTRAL AIRLINES, INC

The aircraft of North Central Airlines. Terry M. Love. illus tabs Am Avn Hist Soc J 22:276-288 Winter '77

NORTH VIETNAM see Vietnam (Democratic Republic)

NORTHWEST PASSAGE see Arctic Regions

NORWAY

Description and Travel

Assignment: Norway. TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:41-48 Jul '78

Foreign Relations

Russia

Spitsbergen: Who's in control? John C. Ausland. illus map US Nav Inst Proc 104:62-70 Nov '78

Strategic Importance

Assignment: Norway. TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:41-48 Jul '78

The importance of the northern flank to NATO. Gen Peter Whiteley. illus NATO's Fifteen Nations 23: 18-20+ Apr-May '78

NUCLEAR BOMBS

See also

Neutron Bomb

Effects

Recovering a paradise lost. (Reclamation of former nuclear test site, Enewetak Atoll in the Marshall Islands) TSgt David B. Drachlis. illus Airman 22: 2-8 Jul '78

Testing

Recovering a paradise lost. (Reclamation of former nuclear test site, Enewetak Atoll in the Marshall Islands) TSgt David B. Drachlis. illus Airman 22: 2-8 Jul '78

NUCLEAR POWER

International Aspects

Africa: Military menace from the south. V. Yefremov. Soviet Mil Rev No. 2:50-51 Feb '78

Could we be wrong? Donald L. Clark. illus AU Rev 29:28-37 Sep-Oct '78

Laser isotope enrichment: A new dimension to the th country problem? Robert L. Bledsoe. tabs AU Rev 29:34-50 Mar-Apr '78

NUCLEAR POWER - Continued

International Aspects - Cont'd

Nations with or without it ... NATO's Fifteen Nations 23:62+ Feb-Mar '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

Soviet nuclear exports. Gloria Duffy. tab chart Intl Sec 3:83-111 Summer '78

U.S. foreign policy and nuclear proliferation. William R. Pendergast. illus Nav War Col Rev 31:49-65 Summer '78

Weapons lethality and the nuclear threshold. Col T.N. Dupuy, Ret. tabs Armed Forces J Intl 116:24+ Oct '78

NUCLEAR POWER PLANTS

See also

Nuclear Reactors

Safety review of nuclear power systems and minor

NUCLEAR REACTORS

Laser isotope enrichment: A new dimension to the th country problem? Robert L. Bledsoe. tabs AU Rev 29:34-50 Mar-Apr '78

NUCLEAR RESEARCH

Laser isotope enrichment: A new dimension to the th country problem? Robert L. Bledsoe. tabs AU Rev 29:34-50 Mar-Apr '78

NUCLEAR TEST BAN

The high security cost of CTB (Comprehensive Test Ban). BrigGen Albion W. Knight, Ret. AF Mag 61: 66-69 Jun '78

Hill panel (House Armed Services Committee) sees risk in nuclear test ban. AF Times 39:10 Nov 27 '78

SALT II and test ban--arms control or symbolism. Charles H. Wilson. illus Officer 54:14-16+ Sep '78

NUCLEAR WARFARE

The battlefield threat: Soviet concepts, doctrine and strategy. Maj John P. Rose. illus Air Def Mag, pp 24-29, Jul-Sep '78

C³--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No. 6:860-864 '78

Fighting the "unthinkable": Nuclear war in the 1980s. Gerard K. Burke. illus tabs Mil Rev 58:9-19 Jun '78

The framework for electronics in war. CAPT W.J. Ruhe, Ret. illus Signal 32:10-13 Apr '78

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. illus MarCor Gaz 62:26-30 Mar '78

"The new language of atomic warfare." (From address to United Nations, Dec 1953) Dwight D. Eisenhower. Def Monitor 7:5-6 Aug '78

NUCLEAR WARFARE - Continued

SALT and Soviet nuclear doctrine. Stanley Sienkiewicz. Intl Sec 2:84-100 Spring '78

Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRocque. tabs Def Monitor 7: entire issue Jul '78

Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D.M.O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

U.S. is increasingly vulnerable to Soviet attack, study (by House Armed Services Committee) says. AF Times 38:11 Jan 1 '78

Medical Aspects

A closer look at thermal curtains. LtCol R.P. Patrick and Lt R. Grau. illus Combat Crew 28:26-27 Dec '78

NUCLEAR WEAPONSSee also

Missiles
Nuclear Bombs

Enhanced radiation warheads: Setting the record straight. S.T. Cohen. illus tab Strat Rev 6:9-17 Winter '78

The impact of strategic and technological innovations on nuclear deterrence. Harold Molineu. illus Mil Rev 58:7-16 Jan '78

Nations with or without it ... NATO's Fifteen Nations 23:62+ Feb-Mar '78

Speech to United Nations (Special Session on Disarmament, June 13, 1978). RADM Gene R. LaRocque. tabs Def Monitor 7: entire issue Jul '78

Tactical employment of atomic demolition munitions. Capt John F. Rybicki. illus tab Mil Rev 58:24-30 May '78

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77; pt 2, The NATO Warsaw Pact imbalance. 115:20-24+ Jan '78

Weapons lethality and the nuclear threshold. Col T.N. Dupuy, Ret. tabs Armed Forces J Intl 116:24+ Oct '78

International ControlSee also

Nuclear Test Ban

Could we be wrong? Donald L. Clark. illus AU Rev 29:28-37 Sep-Oct '78

Inchoate aspirations for world order change. Tariq Osman Hyder. Intl Sec 2:56-64 Spring '78

A strategy for the United States. Lincoln P. Bloomfield and Harlan Cleveland. Intl Sec 2:32-55 Spring '78

U.S. foreign policy and nuclear proliferation. William R. Pendergast. illus Nav War Col Rev 31:49-65 Summer '78

Maintenance and Repair

Maintenance of nuclear and nonnuclear hardness in operational USAF system. TIG Brief 30:10 Aug 4 '78

NUCLEAR WEAPONS - ContinuedMaintenance and Repair - Cont'd

Reporting of fair-wear-and-tear nuclear safety deficiencies. TIG Brief 30:6 May 12 '78

Safety Measures

AFR 122-9, 'The Nuclear Safety Cross-Check Analysis and Certification Program for Weapon Systems Software.' TIG Brief 30:6 Feb 3 '78

Commander's role in the nuclear security program. TIG Brief 30:21 Apr 28 '78

Complacency in nuclear weapons operations. TIG Brief 30:8 Apr 14 '78

Definition of critical components. TIG Brief 30:5 Jun 23 '78

Department Of Energy (DOE) field check. TIG Brief 30:13 Feb 3 '78

F-16 passes another milestone. TIG Brief 30:5 Feb 17 '78

Guidance for abnormal conditions during nuclear weapon loading operations. TIG Brief 30:6 May 12 '78

The human reliability program. TIG Brief 30:14 Mar 3 '78

Integrity is alive and well in nuclear surety. TIG Brief 30:7 Nov 3 '78

Internal nuclear safety inspections. TIG Brief 30:5 Jul 7 '78

Investigating and reporting USAF mishaps (AFR 127-4). TIG Brief 30:5 Oct 20 '78

Judgment and nuclear safety. TIG Brief 30:9 May 26 '78

Lest we forget. (SAC's nuclear mishaps, Jan 16, 1966, and Jan 21, 1968) Maj Herman L. Reese. illus Combat Crew 28:20-21 Jan '78

Little mistakes can make big bangs! Capt Fred Higaki. illus TAC Attack 18:22 Oct '78

'Lockstep' is out of step. TIG Brief 30:5 Mar 17 '78

Logistic movement of nuclear weapons. TIG Brief 30:5 Aug 25 '78

Minuteman operational review. TIG Brief 30:8 Aug 25 '78

Movement of nuclear weapons. TIG Brief 30:6 Apr 14 '78

Munitions supply: Paperwork turmoils. TIG Brief 30:15 Mar 17 '78

New policy on nuclear inspections. TIG Brief 30:6 Apr 14 '78

Nuclear health/safety responsibilities of the Director of Nuclear Surety. TIG Brief 30:6 Oct 20 '78

The (nuclear) inspection syndrome. TIG Brief 30:5 Sep 22 '78

Nuclear Safety Cross-Check Analysis (NSCCA). TIG Brief 30:5 Dec 15 '78

Nuclear safety officers and operations. TIG Brief 30:7 Sep 8 '78

NUCLEAR WEAPONS - ContinuedSafety Measures - Cont'd

- Nuclear surety inspections. Capt David M. Jones. illus Interceptor 20:26-27 Oct '78
- Nuclear Weapon Security Review Group nuclear surety inspection checklists. TIG Brief pt 1-2, 30:17-21 Jun 23 '78; pt 3-5, 30:28-30 Jul 7 '78
- Nuclear Weapon System Safety Group (NWSSG). TIG Brief 30:7 Feb 3 '78
- Nuclear weapon systems safety design and evaluation criteria (AFR 122-10). TIG Brief 30:6 Aug 25 '78
- Nuclear weapons safety. TIG Brief 30:6 Dec 15 '78
- Nuclear weapons security. BrigGen William E. Brown, Jr. TIG Brief 30:2 Mar 31 '78
- Nuclear weapons: Watch out for simulation. TIG Brief 30:19 Feb 17 '78
- PNAF (Prime Nuclear Airlift Force) crews need your support. TIG Brief 30:8 Sep 22 '78
- PRP (Personnel Reliability Program): Here we go again! TIG Brief 30:10 Dec 1 '78
- Personnel reliability 'suspension' clarified. AF Times 39:4 Dec 25 '78
- Practical experience makes better inspectors. TIG Brief 30:7 Jan 20 '78
- Priority of nuclear surety goals. TIG Brief 30:6 Dec 1 '78
- Reporting of fair-wear-and-tear nuclear safety deficiencies. TIG Brief 30:6 May 12 '78
- Reporting U.S. Army/U.S. Navy nuclear mishaps occurring at USAF bases. TIG Brief 30:4 Mar 17 '78
- A 'safe haven' for nuclear shipments: We told you so! TIG Brief 30:5 Jan 20 '78
- USAF nuclear surety program. TIG Brief 30:8 Jun 23 '78
- Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78
- Why a modified Dull Sword report? TIG Brief 30:16 Apr 14 '78

Statistics

- Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-123 Dec '78

Great Britain

- Britain faces the future now. Geoffrey Pattie. illus Def & For Aff Dig 6, No.10:12+ '78

Israel

- Israeli-South African trade: An analysis of recent developments. Maj Gerald J. Keller. Nav War Col Rev 30:74-80 Spring '78

NUCLEAR WEAPONS - ContinuedJapan

- Japan's continuing nuclear dilemma. Maj James V. Young. illus Mil Rev 58:19-25 Jul '78

NATO

- NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78
- Nuclear weapons in NATO strategy. Colin S. Gray. NATO's Fifteen Nations 23:82-83+ Feb-Mar '78
- The shifting theater nuclear balance in Europe. AVM Stewart W.B. Menaul. illus tabs Strat Rev 6:34-45 Fall '78

Russia

- Could we be wrong? Donald L. Clark. illus AU Rev 29:28-37 Sep-Oct '78
- The shifting theater nuclear balance in Europe. AVM Stewart W.B. Menaul. illus tabs Strat Rev 6:34-45 Fall '78
- Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78

United States

- Could we be wrong? Donald L. Clark. illus AU Rev 29:28-37 Sep-Oct '78
- The development of nuclear strategy. Bernard Brodie. Intl Sec 2:65-83 Spring '78
- Hard running: The U.S. has not dropped out of the nuclear arms race. tab Def Monitor 7: entire issue Sep-Oct '78
- The high security cost of CTB (Comprehensive Test Ban). BrigGen Albion W. Knight, Ret. AF Mag 61: 66-69 Jun '78
- Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis. illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78
- The neutron warhead: Stormy past, uncertain future. LtCol Alex A. Vardamis. illus Parameters 8:40-48 Mar '78
- Nuclear arms study: Reassess the basics. AF Times 38:16 Jul 24 '78
- Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78
- White House, DOD view deployment of 11,000 nuclear cruise missiles. Benjamin F. Schemmer. illus Armed Forces J Intl 115:9-10 May '78

Warsaw Pact

- NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

NUNN, Sam

- DOPMA needs Senate push. AF Times 38:4 Jul 10 '78
- The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. AU Rev 29: 21-25 Jul-Aug '78
- (Sen) Nunn agrees to push DOPMA Bill. Andy Plattner. AF Times 38:1+ Apr 17 '78

NUNN, Sam - Continued

(Sen) Nunn asks one-year grade relief. M.L. Craver.
AF Times 39:3 Sep 11 '78

Sen Nunn to hit SBP inequities. AF Times 39:4
Aug 28 '78

(Sen Sam) Nunn to Army: Build a flying tank, not
AMST. Armed Forces J Intl 115:12 Apr '78

Set goals, then talk SALT. (From address, Air Force
Assoc, Robins AFB, Ga) Sen Sam Nunn. AF Times
39:23 Aug 14 '78

NURSE CORPS

Air Force--U.S.

See also
Flight Nurses

NURSES AND NURSING

See also
Flight Nurses

NUTRITION

Close encounters of the food kind. (Address, 32d Annual Meeting, Research and Development Associates for Military Food and Packaging Systems, Chicago, April 11, 1978) CAPT Stuart F. Platt. Illus Review 58:14+ Jul-Aug '78

Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work. A.S. Ushakov and others. tabs Aviation, Space & Envmt Med 49:1184-1187 Oct '78

The fighter pilot's breakfast. LT G.R. Banta. tabs Aerosp Safety 34:18-21 Jan '78

Food for the Soviet soldier. Victoria Dibbern. illus Army Log 10:18-23 Mar-Apr '78

OCS see Officer Candidate Schools

ODDR&E see Defense Research and Engineering

OER see Effectiveness Reports

OJT see On-the-Job Training

ONR see Office of Naval Research

OSI see Office of Special Investigations

OTP see Office of Telecommunications Policy

OTS see Officer Training School

OATHS

Oath of Allegiance (in the Soviet Armed Forces). illus Soviet Mil Rev No. 2:2-4 Feb '78

OBESITY see Physical Fitness

OCCUPATIONAL SAFETY AND HEALTH

Action level concept of occupational health surveillance. TIG Brief 30:18 Feb 17 '78

Correcting unsafe or unhealthful working conditions. TIG Brief 30:6 Jun 23 '78

Reporting of occupational illness. TIG Brief 30:21 Nov 3 '78

Safety and health training. TIG Brief 30:7 Jun 23 '78

Supervisor's responsibility concerning occupational physical examinations. TIG Brief 30:3 May 26 '78

U.S. officials can inspect civilian work. AF Times 39:25 Jul 31 '78

What to do when an Occupational Safety and Health Act (OSHA) inspector arrives at your activity. TIG Brief 30:11-12 May 26 '78

OCCUPATIONS

Getting what your recruiter PROMIS'ed (PROCurement Management Information System). Capt Anthony Lynn Batezel. illus AF Mag 61:76-78 Jun '78

OCEAN

Russian ocean surveillance satellites. G.E. Perry. illus map tabs Royal Air Forces Qtr 18:60-67 Spring '78

OCEAN MINING

LOS sessions start with seabed mining impasse. L. Edgar Prina. illus Sea Power 21:32-34 Apr '78

OCEANOGRAPHY

See also

Marine Resources

National Oceanic and Atmospheric Administration Satellites, Artificial--Oceanographic Applications Underwater Research

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Offshore technology. Regular feature in issues of Military Engineer

OCEANOGRAPHY - Continued

Military Applications

ASW and the naval officer oceanographer. LCDR Edwin W. Shaar, Jr. illus US Nav Inst Proc 104:43-49 Feb '78

O'CONNOR, John J.

Opening the doors to new religions. Interview. RADM John J. O'Connor. AF Times 39:1+ Oct 23 '78

OFFICE OF DEFENSE RESEARCH AND ENGINEERING
see Defense Research and Engineering

OFFICE OF FEDERAL PROCUREMENT POLICY

Using commercial buying practices isn't as easy as it sounds. illus Govt Exec 10:12+ Apr '78

OFFICE OF MANAGEMENT AND BUDGET

The enemy is less easy to identify now. Interview. Edward R. Jayne II. illus Armed Forces J Intl 116:28+ Nov '78

SIRCS (Shipboard Intermediate Range Combat System) and OMB (Office of Management and Budget) Circular A-109: Changing the major system acquisition process. CDR Alvin W. Musgrave, Jr. illus Def Mgt J 14:24-29 May '78

OFFICE OF NAVAL RESEARCH

View from the top. Interview. RADM Robert Geiger. illus Mil Elect/Countermeasures 3:10+ Dec '77-Jan '78

OFFICE OF PERSONNEL OPERATIONS--ARMY
see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

The AFOSI: A service organization. TIG Brief 30:9-10 Jan 6 '78

AFOSI and SPs: A winning team. LtGen John P. Flynn. TIG Brief 30:1 Mar 31 '78

AFOSI, SP guide on cases issued. Ron Sanders. AF Times 38:10 Feb 20 '78

Air Force Audit, Inspection, and Investigation Council (AFAIIC). TIG Brief 30:10 Apr 14 '78

Air Force Office of Special Investigations. illus AF Mag 61:97 May '78

Air Force Technical Surveillance Counter-Measures (TSCM) Program (AFR 205-14). TIG Brief 30:13 Apr 28 '78

Communist transportation: A bargain, but reportable to AFOSI. TIG Brief 30:8 Oct 6 '78

Espionage. TIG Brief 30:8 Jan 20 '78

Espionage doesn't end with detente. AF Times 38:22 May 15 '78

Farewell speech (from Commandant, USAF Special Investigations Academy, at his retirement dinner, May 28, 1978). Michael Ross. TIG Brief 30:11-12 Aug 4 '78

Foreign travel briefings continue to be a necessary defense. TIG Brief 30:4 Sep 8 '78

Forensics resolves damage to F-111. TIG Brief 30:7 Feb 17 '78

OFFICE OF SPECIAL INVESTIGATIONS - Continued

Freedom of Information/Privacy Act requests for AFOSI reports. TIG Brief 30:9 Jan 6 '78

Host base support of AFOSI activities. TIG Brief 30:6 Mar 31 '78

Intelligence information reports: Forms and functions. TIG Brief 30:8 Mar 17 '78

Investigative responsibility regarding deserters. TIG Brief 30:8 Nov 3 '78

Nonduty travel to Communist-controlled countries. TIG Brief 30:9 Apr 14 '78

OSI methods being checked: Buckley (ANGB, Colo) drug case. AF Times 38:10 Apr 17 '78

OSI uncovers scheme to steal shipped goods. AF Times 39:44 Aug 7 '78

Purpose of the Security Threat And Incident Summary (STAIS). TIG Brief 30:4 Oct 20 '78

Recovering stolen property. TIG Brief 30:10 May 12 '78

Release of AFOSI reports to trial and defense counsels. TIG Brief 30:9 Aug 25 '78

Reporting action taken as the result of AFOSI investigations. TIG Brief 30:10 Jan 6 '78

Reporting threats against the President and other key U.S. government officials. TIG Brief 30:6 Mar 31 '78

Special reports on terrorism. TIG Brief 30:7 Mar 3 '78

OFFICE OF TELECOMMUNICATIONS POLICY

Telecommunications policy formation post OTP (Office of Telecommunications Policy). Thomas J. Houser. illus Signal 32:26-28 Jan '78

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and EngineeringOFFICER CANDIDATE SCHOOLSArmed Forces

A fusion strategy for pre-commissioning training. Roger A. Beaumont and William P. Snyder. tab J Pol & Mil Sociol 5:259-277 Fall '77

OFFICER EFFECTIVENESS REPORT see Effectiveness ReportsOFFICER TRAINING SCHOOL

AF hoping to get 5351 new officers. M.L. Craver. tab AF Times 38:2 Jan 16 '78

Enrollment in OTS to jump in FY '79. Len Famiglietti. AF Times 38:12 Mar 27 '78

OTS selectees. AF Times 39:28 Aug 21 '78

320 positions need officers. AF Times 38:7 Jun 5 '78

OFFICERSSee also

Commanding Officers General Officers
Flag Officers Staff Officers

Air Force--U.S.

AF hoping to get 5351 new officers. M.L. Craver. tab AF Times 38:2 Jan 16 '78

OFFICERS - ContinuedAir Force--U.S. - Cont'd

AF sees no savings in up-or-out freeze. M.L. Craver. AF Times 39:4 Aug 28 '78

Advantages of flight safety duty. TIG Brief 30:6 Mar 3 '78

A commission in today's military. (Remarks, VPI/SU ROTC Commissioning Ceremony, Blacksburg, Va, June 9, 1978) MajGen Larry M. Killpack. AF Plcy Ltr for Comdrs: Sup No. 9:24-30 Sep '78

DOS (Date Of Separation) extension OK'd for officers. M.L. Craver. AF Times 38:4 Feb 27 '78

Fact sheet: Regular and Reserve differences. AF Times 39:14 Oct 9 '78

Field-grade hikes to rise. M.L. Craver. AF Times 38:3 Apr 3 '78

Field-grade pin-on times seen staying the same. AF Times 38:2 Apr 10 '78

Force-out freeze a shock. AF Times 38:3 Jul 3 '78

447 (officers) win med/dental hikes. AF Times 39:18+ Dec 11 '78

Grade relief--a year's extension. M.L. Craver. AF Times 39:3 Sep 25 '78

If DOPMA doesn't pass ... M.L. Craver. AF Times 38:1+ Jan 23 '78

A junior officer's view. 1stLt Thomas M. Hall. illus AU Rev 29:70-76 Jan-Feb '78

More officers eligible for seven-day option. AF Times 38:7 Apr 24 '78

More 'visual' TOPLINE set for 1979. M.L. Craver. AF Times 39:4 Nov 6 '78

The most important thread. Capt Charles G. Tucker. illus tabs AF Mag 61:70-72 Nov '78

New (computer) coding to provide more officer file input (at Military Personnel Center). AF Times 38:4 May 15 '78

The ol' sarge: Words to reflect upon. LtGen John P. Flynn. TIG Brief 30:2 Apr 14 '78

1 on OER made difference. tabs AF Times 39:7 Dec 18 '78

Opposition to the new OER: A crisis alert! Maj Daniel R. Peterson. AU Rev 29:68-72 May-Jun '78; Comment. AF Times 39:2 Jul 31 '78

Rated supplement program winds down; surplus low. tab AF Times 38:22 Jan 30 '78

(Sen) Nunn asks one-year grade relief. M.L. Craver. AF Times 39:3 Sep 11 '78

769 temporary colonels named. M.L. Craver. tab AF Times 38:10+ Jan 30 '78

663 designated permanent O-6. AF Times 38:28+ Mar 27 '78

The specter of rating inflation. M.L. Craver. AF Times 39:16 Dec 11 '78

3957 win promotion to major. M.L. Craver. AF Times 39:10+ Aug 7 '78

3165 picked for captain. AF Times 38:8 Mar 13 '78

OFFICERS - ContinuedAir Force--U.S. - Cont'd

320 positions need officers. AF Times 38:7 Jun 5 '78

Twelve examples to follow. (Outstanding Airmen for 1978) Bonner Day. illus tab AF Mag 61:60-62 Nov '78

2048 selected for temporary lieutenant colonel. tab AF Times 39:18+ Oct 23 '78

Up-or-out freeze worries officials. AF Times 39:8 Aug 21 '78

Weapon systems officer management, my end of tour report. Maj Nolan W. Schmidt. illus tab Navigator 25:26-31 Spring '78

What's a little marijuana among officers? Plenty! AF Times 38:9 Jun 26 '78

Armed Forces--Russia

Marxist-Leninist training of officers. Col V. Zhuravel. illus Soviet Mil Rev No. 6:30-31 Jun '78

Armed Forces--U.S.See also

Defense Officer Personnel Management System

A challenge to professionalism: Leadership selection. Roger A. Beaumont. illus Mil Rev 58:77-87 Mar '78

A fusion strategy for pre-commissioning training. Roger A. Beaumont and William P. Snyder. tab J Pol & Mil Sociol 5:259-277 Fall '77

Professionalism in transition: The officer corps in the age of deterrence. LtCol Thomas A. Fabyanic. AU Rev 29:38-45 Sep-Oct '78

Retired officer income takes bigger dip than does EM's. Tom Philpott. AF Times 38:4 May 15 '78

Army--U.S.

Bars to stars. Regular feature in issues of Air Defense Magazine

The Infantry platoon leader. Capts Jeffrey K. Beatty and James A. Hales. illus tab Infantry 68:22-27 Nov-Dec '78

The Motor Officer Course (at Army Armor School). Capt Charles A. Gibbens, Jr. illus Armor 87: 14-15 Jan-Feb '78

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

OPMS (Officer Personnel Management System): Demise of the whole officer concept? Capt Philip O. Benham, Jr. illus Mil Rev 58:67-72 Jun '78

The officer as a model of ethical conduct. Ch(Capt) Donald R. Turkelson. illus Mil Rev 58:56-65 Jul '78

Officer education and training in the Army: An alternative solution. Capt Robert R. Begland. illus Mil Rev 58:15-26 Oct '78

Officers career notes. Regular feature in issues of Infantry

Preparing the officer corps for the 1990s. LtCol James B. Channon. illus tabs Mil Rev 58:10-23 May '78

OFFICERS - ContinuedArmy--U.S. - Cont'd

The TALO (Tactical Airlift Liaison Officer); MAC's man in the Army. LtCol Curtis W. Rosler and Maj Don O. Christian. illus MAC Flyer 25:10-11 Aug '78

When ethic codes clash: Absolute vs situational. LtCol Ernest L. Webb. Army 28:31-33 Mar '78

National Guard--Armed Forces--U.S.

Scorecard; Lineup for the Guard. illus Natl Guardsman 32:26-27 Aug '78

Navy--Russia

Naval officers: Ours and theirs. CAPT James W. Kehoe. illus tabs US Nav Inst Proc 104:50-60 Feb '78

Navy--U.S.

Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78

The first step toward SWO qualification. LCDR Charles P. Vion. illus US Nav Inst Proc 104:137-139 Mar '78

Grading the fitness report. CAPT Frank M. Snyder, Ret. illus US Nav Inst Proc 104:48-53 Sep '78

Naval officers: Ours and theirs. CAPT James W. Kehoe. illus tabs US Nav Inst Proc 104:50-60 Feb '78

The path to command. LT Terrance J. McKearney. tab illus US Nav Inst Proc 104:76-87 Mar '78

Reserve Forces--Air Force--U.S.

ARPC (Air Reserve Personnel Center) urging Reserve officers to stay active. Officer 54:10 Dec '78

Fact sheet: Regular and Reserve differences. AF Times 39:14 Oct 9 '78

494 permanent ROPA lieutenant colonels named. AF Times 39:26 Aug 21 '78

Top MACOM MAs (Outstanding Mobilization Augmentees from Air Force). illus Officer 54:11 Jul '78

200 named ROPA permanent O-6s. AF Times 39:19 Dec 11 '78

Reserve Forces--Armed Forces--NATO

CIOR (Interallied Confederation of Reserve Officers)--past and future. Editorial. Officer 54:8 Jul '78

A gallant try. (U.S. Reserve officers at the 1978 CIOR military skills competition in London) Judy Oberdick. illus Air Reservist 30:9 Sep '78

Germany upsets U.S. in CIOR (Interallied Confederation of Reserve Officers) meet. (1978 military skills competition, Warendorf, Ger, Aug 6-12). illus AF Times 39:42 Sep 4 '78

U.S. squad takes second in CIOR meet. illus Natl Guard 32:32-33 Nov '78

Reserve Forces--Navy--U.S.

Situation summary on TAR (Training and Administrative Reserves) officer program. Officer 54:11 Feb '78

OFFICERS CLUBS

Civilians will run clubs--plan to use NCOs dropped.
Len Famiglietti. AF Times 38:3 Apr 17 '78

These are the messes civilians will run. AF Times
38:42 Jun 5 '78

OFFSHORE OIL WELL DRILLING see Oil Well Drilling

OIL see

Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Geodesy, mapping, oceanography: Current surveying
and mapping news. Regular feature in issues of
Military Engineer

Offshore Tapestry--the RAF's first year. WgComdr
T. C. Flanagan. illus map Royal Air Forces Qtr
18:111-121 Summer '78

Offshore technology. Regular feature in issues of
Military Engineer

Spitsbergen: Who's in control? John C. Ausland. illus
map US Nav Inst Proc 104:62-70 Nov '78

The swimming rig RS 35. illus Aerosp Intl 14:20
Aug-Sep '78

OILERS (SHIPS)See also

Tankers

OMANStrategic Importance

The face and future of the Middle East. Gregory Cop-
ley. illus Def & For Aff Dig pt 1, Afghanistan.
6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7:
14-16+ '78

OMEGA

Bringing the NAV packages together: CCC (Communi-
cations Components Corp) looks forward. illus
Interavia 33:58 Jan '78

Omega. LtCol L. D. Mormino. illus map tab Naviga-
tor 25:24-25 Spring '78

ON-THE-JOB TRAINING

Credit where it's due: Army on-job skills. (Army
Skill Recognition Program) Steve Abbott. illus
Soldiers 33:27-30 Sep '78

Improving your on-the-job (OJT) program. TIG
Brief 30:3-4 Feb 3 '78

OJT: New focus on learning skills. Len Famiglietti.
AF Times 39:1+ Sep 4 '78

OJT programs. Capt Charles W. Farnham III. illus
tabs Armor 87:9-10 Mar-Apr '78

On-the-job training. TIG Brief 30:21 Oct 6 '78

O'NEIL, William D.

Defense Director for Naval Warfare (William D.
O'Neil). por Natl Def 63:5 Nov-Dec '78

Naval warfare. William D. O'Neil. Natl Def 63:26-29+
Nov-Dec '78

OPERATIONSee also

Exercise

Commando Hunt

The Commando Hunt V interdiction campaign: A case
study in constrained optimization. Col Herman L.
Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

Deep Freeze

Deep Freeze '78. J. D. Murphy. illus Air Reservist
29:18 Mar '78

Frequent Wind

Vietnam evacuation--a postscript. James D. Sprinkle.
illus Am Avn Hist Soc J 22:267 Winter '77

Giant Thrust

Giant Thrust II. Maj Peter Alexandrakos. illus Com-
bat Crew 28:4-7+ Nov '78

Neptune

When rain 'drops' kept falling. (Operation Nep-
tune II, joint airborne training mission) TSgt Da-
vid B. Drachlis. illus Airman 22:2-7 Jan '78

New Arrivals

New Arrivals--an operation of human concern and
compassion. (Vietnamese refugees at Eglin AFB,
Fla) William D. Shaver. illus Aerosp Hist 25:
19-24 Mar '78

Offshore Tapestry

Offshore Tapestry--the RAF's first year. WgComdr
T. C. Flanagan. illus map Royal Air Forces Qtr
18:111-121 Summer '78

Redoubt

Operation Redoubt--'That's the key.' TSgt Weldon C.
McCafferty. illus Air Reservist 30:14-15 Aug '78

Tactical Test

The day of the E-3A tactical test. Col Dwayne P.
Wright. illus tab map AU Rev 29:58-73 Sep-
Oct '78

OPERATIONAL READINESSSee also

Combat Readiness

Electronic warfare capability assessment. TIG Brief
30:20 Sep 8 '78

Formula for a FARRP (Forward Area Refueling and
Rearming Point). Capt Gordon E. Sayre, Jr. illus
tabs USA Avn Dig 24:1-6 Apr '78

I came, I saw, I conquered. (1977 RAF Tactical
Bombing Competition, Oct 5-10, 1977) illus TAC
Attack 18:4-7 Feb '78

Inspection triggers action at Lakenheath. TSgt Tom
Stewart. illus AF Times 39:25 Nov 13 '78

Inspector's viewpoint. Regular feature in issues of
Interceptor

'Is our medical unit ready?' TIG Brief 30:14
Oct 20 '78

OPERATIONAL READINESS - Continued

Logistics for readiness. (Remarks, Mobile Chapter, Air Force Assoc, Mobile, Ala, May 18, 1978) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No.8: 34-40 Aug '78

A modest proposal for management by major weapon system. 1stLt James D. Cook. tabs Def Mgt J 14: 19-26 Jan '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. illus MarCor Gaz 62:26-30 Mar '78

Operations and maintenance readiness: A team effort. MajGen Martin C. Fulcher. illus Combat Crew 28:4-5+ Sep '78

Outline for support. Capt Edward M.A. Fergusson. illus Army Log 10:6-10 May-Jun '78

Prime BEEF (Base Engineering Emergency Forces). TIG Brief 30:19 Mar 31 '78

Readiness/effectiveness. BrigGen Patrick J. Halloran. TIG Brief 30:3-4 Apr 28 '78

Readiness evaluations: A dynamic challenge. TIG Brief 30:7 Mar 17 '78

'Readiness now.' LtGen Andrew B. Anderson, Jr. TIG Brief 30:1 Jul 21 '78

Reserve Component training. MajGen Herman Tenken. Armor 87:45-47 Jul-Aug '78

Scenarios for operational readiness inspections. TIG Brief 30:12 Jul 7 '78

(SecAF) Stetson calls for Persian Gulf readiness. AF Times 38:6 May 1 '78

Surrounding an (ORI) writeup. TIG Brief 30:3 Jul 21 '78

U.S. is increasingly vulnerable to Soviet attack, study (by House Armed Services Committee) says. AF Times 38:11 Jan 1 '78

OPERATIONAL RESEARCH

See also
Systems Analysis

Computer Aided Operations Research Facility (CAORF). (Surface ship simulator) CDR John E. Manning. illus US Nav Inst Proc 104:113-115 Jan '78

Operations research and the air base. Maj Charles E. Ebeling. illus AU Rev 29:43-48 Jul-Aug '78

OPERATIONAL TEST AND EVALUATION

Aircraft operational test and evaluation. LtCol Michael J. Butchko. illus Def Sys Mgt Rev 1:94-109 Winter '77

B-1 structural test program. John W. Rustenburg and others. illus Def Sys Mgt Rev 1:149-161 Winter '77

Challenges in aircraft engine test and evaluation programs. David T. Love. illus tabs Def Sys Mgt Rev 1:119-125 Winter '77

Enhancing combined arms training. LtCol Larry E. Word and others. illus Fld Arty J 46:51-53 Jul-Aug '78

OPERATIONAL TEST AND EVALUATION - Continued

How much testing is enough? Howard W. Kreiner. illus Def Sys Mgt Rev 1:84-86 Winter '77

Improving Air Force independent operational testing. MajGen Howard W. Leaf. illus Def Sys Mgt Rev 1: 19-27 Winter '77

Operational test and evaluation of ships: Policy and practice. CDR Ian E. M. Donovan and LCDR Thomas A. Fitzgibbons. illus Def Sys Mgt Rev 1: 28-44 Winter '77

Optimizing space vehicle test programs. George J. Gleghorn. illus Def Sys Mgt Rev 1:51-58 Winter '77

Reliability and maintainability in the acquisition process: DOD Directive 5000.x. Col Ben H. Swett. illus Def Sys Mgt Rev 1:126-148 Winter '77

Reliability testing: Why we need it. Robert L. Miller. illus USA Avn Dig 24:30-32 May '78

Streamlining Army testing. MajGen Patrick W. Powers. illus Def Sys Mgt Rev 1:7-18 Winter '77

Test and evaluation in the Department of Defense. LtGen Walter E. Lotz, Ret. illus Def Sys Mgt Rev 1:1-6 Winter '77

Test and evaluation of TRI-TAC equipment. LtCol David L. Washington. illus chart Def Sys Mgt Rev 1:73-83 Winter '77

Test and evaluation policy. Charles W. Karns. illus Def Sys Mgt Rev 1:87-93 Winter '77

Use of training exercises for test and evaluation. LtCol Martell D. Fritz. illus Def Sys Mgt Rev 1: 110-118 Winter '77

We do it first. (4485th Test Sq) Maj Davy M. Bass. illus TAC Attack 18:4-7 Jan '78

When Moody got bluer. (TAC adds Reserves to its maintenance, munitions, and aircrew forces at Moody AFB, Ga, in a test program) Maj Terry A. Arnold. illus Airman 22:9-13 Aug '78

OPERATIONS, MILITARY

FM 100-5. Gen Donn A. Starry. illus Mil Rev 58: 2-11 Aug '78

OPTICS

See also
Lasers

Acousto-optics probed for ICBM defense. James Fawcette. illus Elect Warfare/Def Elect 10:49+ Apr '78

Boresight harmonization: Essential requirement for modern weapons systems. Henry M. Courten. illus Natl Def 63:38-41+ Sep-Oct '78

Eagle Eye. LtCol Tim O'Keefe, Jr. illus USAF Ftr Wpns Rev, pp 26-29, Fall '78

F/O (Fiber Optics) links subject of hardening study. Murry Shohat. illus Mil Elect/Countermeasures 4:122 Sep '78

Fiber optics--the new transmission medium. Robert Betts. illus Natl Def 63:25-28 Sep-Oct '78

Full duplex F/O interconnect. Murry Shohat. illus Mil Elect/Countermeasures 4:46-47 Aug '78

OPTICS - Continued

The goggles that turn off the sun. (LADs, Light-Attenuation Devices) Paul R. Bleda and LtCol Thomas M. Johnson. illus Army 28:36-39 Mar '78

Night vision: On target. SP5 Manuel Gomez. illus Soldiers 33:18-21 Mar '78

ORDER OF DAEDALIANS

(AF) Reserve receives Foulois Award for flight safety. illus Officer 54:11 Aug '78

ORDNANCE

Titanium powder metallurgy uses. Edward L. Thellmann. illus Natl Def 62:314-315+ Jan-Feb '78

U.S. Army Ordnance Museum, Aberdeen Proving Ground, Md. illus Natl Def 62:484-485 Mar-Apr '78

ORGANIZATION

See also subdivision under specific subjects, e.g.,
Defense Dept--U.S.--Organization

Set theory in management of the professional. Col Richard L. Butler and Capt Homer C. Emery. illus Def Mgt J 14:40-43 May '78

The two-tier matrix organization in project management. William C. Wall, Jr. illus Def Sys Mgt Rev 1:37-46 Autumn '78

OTT, Charles A., Jr

"The big O (MajGen Charles A. Ott, Jr)" ... a classic citizen-soldier. por Natl Guardsman 32:24-25 Sep-Oct '78

OUTPUT MEASUREMENT

Army work measurement--where do we go from here? Gerry Chaney. illus Armed Forces Compt 23:26-30 Aug '78

Comparison of the vigilance performance of men and women using a simulated radar task. Richard I. Thackray and others. illus tabs Aviation, Space & Envmt Med 49:1215-1218 Oct '78

Increase your personal productivity. TIG Brief 30:20 May 12 '78

Inflight measurement of pilot workload: A panel discussion (during 48th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 10, 1977). S. J. Gerathewohl and others. illus tabs Aviation, Space & Envmt Med 49:810-822 Jun '78

PMS (Program Measurement System) boosts productivity and employee morale. Ray C. Roberts, Jr and Richard J. Shakman. illus tabs Def Mgt J 14: 21-25 Jul '78

OVERSEAS DUTY

All the world's their stage. (Tours of duty to exotic places for Air Guardsmen and Reservists) illus Air Reservist 30:12-15 Jul '78

American forces in foreign cultures. CAPT Donald M. Bishop. illus US Nav Inst Proc 104:42-50 Apr '78

Army pocket guides to 'destination unknown.' John H. O'Brien. illus map Army 28:32-34 Jul '78

OVERSEAS DUTY - Continued

Benefits increased for all Jr EM on overseas tours. AF Times 39:3 Oct 30 '78

Bureaucracy trimmed in schools overseas. AF Times 38:16 Jul 24 '78

COLA increase due Germany, Japan. Richard C. Barnard. AF Times 39:4 Sep 11 '78

COLA raise for o'sea singles? Tom Philpott. AF Times 39:3 Sep 18 '78

DOD seen asking for single COLA. AF Times 39:3 Nov 13 '78

DOD wants job protection for kin o'seas. AF Times 39:12 Aug 21 '78

Defense fighting Hill for Jr EM travel \$\$\$. Tom Philpott. AF Times 38:2 Mar 27 '78

EM testify (to House Armed Services Compensation Subcommittee): O'seas life rough. illus AF Times 38:3 Jun 12 '78

EM travel pay seen costing \$36 million. AF Times 38:38 Apr 17 '78

Germany, Japan face COLA cuts. Richard C. Barnard. AF Times 39:3 Nov 27 '78

House okays subsidies for o'sea school lunches. AF Times 39:10 Jul 31 '78

Impact seen as minimal if Jr EM travel OK'd. AF Times 38:22 Apr 24 '78

Income chases cost-of-living overseas. AF Times 38:16 Jan 30 '78

'Initiatives' package to aid Jr EM o'seas. M. L. Craver. AF Times 38:14 May 22 '78

Jr EM family travel questioned. AF Times 38:25 Feb 27 '78

Jr EM (financial) aid slow, but OK. AF Times 39:3 Aug 7 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H. Chayes. AF Times 38:14-15 Jun 5 '78

Jr EM o'seas enjoying \$ break. AF Times 38:14 Jul 3 '78

Living overseas: Gearing up mentally. (Interview with Dr Sidney Werkman) Donna M. Peterson. illus AF Times 38:33 Jan 16 '78

Lower ranks eye o'seas kin \$. AF Times 38:3 Jan 9 '78

Must the Services take care of everybody? (A 1stSgt's wife sounds off on 'unsponsored' dependents overseas) Patricia M. Bloebaum. illus AF Times, Times Magazine sup:6-10 May 29 '78

No travel \$\$ if kin returns to U.S. school. AF Times 38:42 May 1 '78

OCONUS training--Air Guard style. Bruce P. Hargreaves. illus tabs Natl Guardsman 32:8-11 Jan '78

O'sea (DOD) school transfer pushed. AF Times 38:14 May 1 '78

O'sea school dorms held OK. AF Times 38:20 Jun 5 '78

O'seas hiring opinion stalled; OK with AF. AF Times 38:33 Jun 5 '78

O'seas JET (Junior Enlisted Travel) only 1/2 a solution. Bruce Callander. AF Times 39:3 Aug 21 '78

OVERSEAS DUTY - Continued

O'seas kin ceiling a question. AF Times 39:3
Nov 6 '78

The pay package ... some allowances could go up.
Tom Philpott. AF Times 39:1+ Dec 11 '78

Plan ahead for POV shipment. Translog 9:16-17
Aug '78

Plight of EM o'seas hit. Richard Barnard. AF Times
38:27 Apr 10 '78

Pressure building for 'single' COLA. Tom Philpott.
AF Times 39:1+ Oct 23 '78

Q&A on Jr enlisted travel entitlements. AF Times
39:8+ Nov 6 '78

Relief seen for enlisteds short of cash overseas. AF
Times 38:1+ Feb 20 '78

Returnees; Home-basing. Bruce Callander. AF Times
39:1+ Nov 13 '78

Ruling hits overseas jobs for kin. Randy Moore. AF
Times 38:1+ Jul 10 '78

Shipping goods: New guidelines. AF Times 39:8
Nov 27 '78

Shorter no-kin tours top Pentagon issue. Interview.
John P. White. illus AF Times 39:8+ Oct 16 '78

Skill tests set for o'seas pupils. Larry Carney. AF
Times 39:1+ Aug 21 '78

Study to compare lunch operations in o'sea schools.
AF Times 39:6 Nov 20 '78

Tagging along: How Marine wives can join their hus-
bands overseas. Linda Condra and Richard C.
Barnard. illus AF Times, Times Magazine
sup:16+ Feb 20 '78

2 o'sea allowance cuts in offing. Randy Shoemaker.
AF Times 39:2 Dec 11 '78

Canal Zone

Canal Zone duty keeps Reserves hopping in C-130s.
illus AF Times 39:40 Nov 20 '78

Europe, Western

European weather can bite you. LtCol Helmut Ober-
brinkmann. illus Aerosp Safety 34:26-27 Jan '78

Exchanges to try credit o'seas. Richard Barnard.
AF Times 38:3 May 29 '78

The Frankfurt connection. Steve Abbott. illus Sol-
diers 33:32-33 Dec '78

GI housing: Changes in the wind. Bob Gatty. illus
Army 28:27-29 Apr '78

Going to Europe together. SP5 Jo Ann Mann.
Translog 9:17-18 Apr '78

(Overseas) travel costs strain Jr EM. (Statements of
CMSAF Gaylor and the top ranking enlisted men of
the Army and Navy during a House subcommittee
hearing on the problems of service families in Eu-
rope) Richard C. Barnard. illus AF Times 38:4
Jul 3 '78

OVERSEAS DUTY - ContinuedEurope, Western - Cont'd

O'seas troops to get European vehicles. Len Fa-
miglietti. AF Times 38:4 Mar 6 '78

(Pres) Carter lauds o'sea troops. illus AF Times 39:6
Aug 7 '78

(Rep Joseph P.) Addabbo against more kin in Europe.
AF Times 38:29 Mar 13 '78

Two solons (Reps Bill Nichols and Mendel J. Davis)
o'seas; EM have it tough. AF Times 39:51
Jul 31 '78

Germany (Federal Republic)

Berlin (Task) Force to fight drug abuse. AF Times
39:46 Aug 14 '78

Commanders testifying (on) drugs in Germany. AF
Times 39:7 Nov 27 '78

The dollar dilemma. Dave Kärten. illus Review 57:8+
May-Jun '78

Living in Germany. SP5 Jo Ann Mann. illus Soldiers
33:33-36 Oct '78

Making ends meet hard in Germany. Ron Sanders.
AF Times 38:3 Jan 16 '78

Only the beginning. Steve Abbott. illus Soldiers 33:
27-31 Dec '78

Great Britain

Army Guard Infantry abroad. MSgt Richard Grim-
mett. illus Natl Guardsman 32:16-18+ Sep-Oct '78

'Tell them you (a woman Reservist) train in Eng-
land.' SSgt Anja Carr. illus Air Reservist 29:8-9
Mar '78

Guam

Guam: Is it as bad as people say? 1stLt Katie Cutler.
illus AF Times 39:45 Sep 4 '78

Iceland

(AF) Personnel (Management) Team to visit Iceland.
Randy Moore. AF Times 38:4 Feb 6 '78

Chasing the Bear. (USAF 57th Fighter Interception Sq
intercepts Russian planes near Iceland) TSgt Her-
man J. Kokojan and SMSgt Harold Newcomb. illus
Airman 22:2-7 Oct '78

Korea (Republic)

2d Infantry Division. Maj William J. Diehl, Jr. illus
map Infantry 68:14-18 Nov-Dec '78

Norway

Assignment; Norway. TSgt Herman J. Kokojan and
SMSgt Harold Newcomb. illus Airman 22:41-48
Jul '78

OVERSEAS DUTY - ContinuedOkinawa

Unwelcome okusan. (A year in Okinawa) Maj Merrill
L. Bartlett. illus MarCor Gaz 62:39-45 Aug '78

Samoa

Samoa by the 'way.' (MAC has one member at Tutuila,
American Samoa, to oversee C-141 refueling
stops) MSgt David B. Drachlis. illus Airman 22:
44-48 Aug '78

Yugoslavia

Assignment ... Yugoslavia. Capt Tom Harvey. illus
Soldiers 33:11-14 Jun '78

OXYGEN

Alternating measurement of ambient and cabin ozone
concentrations in commercial jet aircraft. S. van
Heusden and L.G.J. Mans. illus tabs Aviation,
Space & Envmt Med 49:1056-1061 Sep '78

OXYGEN EQUIPMENT

CD (Chemical Defense) man. Maj Davy M. Bass. illus
TAC Attack 18:12-15 Jun '78

Investigation of arterial bloodgases at altitude using
constant-flow oxygen masks. W.R. Hodgson and
others. illus tabs Aviation, Space & Envmt Med
49:829-836 Jun '78

Maintenance and Repair

Periodic inspection of compressed breathing air.
TIG Brief 30:19 Mar 31 '78

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also

Air Force, 5th

Air Force, 13th

Comptroller activities at major commands: Pacific Air Forces. Col Norris W. Overton. illus tab AF Compt 12:6-10 Jul '78

Pacific Air Forces. tab illus chart AF Mag 61:76-77 May '78

Pacific Command: An orientation. illus Command 1: 10-13 Jul '78

PACIFIC COMMAND

A military view of Asia. ADM Maurice F. Weisner. illus Command 1:2-9 Jul '78

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Weisner. chart map illus Signal 32: 7-11 Feb '78

Pacific Command: An orientation. illus Command 1: 10-13 Jul '78

The U.S. posture in Asia and the Pacific: The view from CINCPAC. ADM Maurice F. Weisner. illus Strat Rev 6:41-47 Summer '78

PACIFIC FLEET see Fleet, 7th

PACIFIC REGION

Airpower and U.S. interests in the Pacific. Gen T.R. Milton. Ret. illus AF Mag 61:130-134+ Sep '78

Growth prospects in Asia. Thomas Pepper. illus Signal 32:30-33 Feb '78

U.S. overseas bases: Projecting American military power in the Mediterranean and Western Pacific. Alvin J. Cottrell and ADM Thomas H. Moorer, Ret. (Abridged from Washington Papers, No. 47, 1977) illus Mil Rev 58:20-34 Jun '78

Strategic Importance

A military view of Asia. ADM Maurice F. Weisner. illus Command 1:2-9 Jul '78

The U.S. posture in Asia and the Pacific: The view from CINCPAC. ADM Maurice F. Weisner. illus Strat Rev 6:41-47 Summer '78

PACKAGING see Containers

PACKING FOR SHIPMENT

Improper preparation of J79 engines for transportation. TIG Brief 30:14 Jan 6 '78

Use and reuse of Transportation Packaging Order (TPO) containers. TIG Brief 30:15 Jan 20 '78

PACTS see Treaties and Alliances

PAINTS

Paint is a magic medium. Gudmund Martinson. illus AF Engrg & Svcs Qtr 19:14-15 Nov '78

PALESTINE

Israelis and Palestinians: Psychological prerequisites for mutual acceptance. Herbert C. Kelman. Intl Sec 3:162-186 Summer '78

PALMER, Frederick F.

ADM Palmer began career as Reservist. por Officer 54:10 Oct '78

PANAMA CANAL

Canal defense ... in age of terrorism. LtGen Arthur Collins. Ret. illus Officer 54:20-22 Jan '78

Defense and the Panama Canal. (Remarks, Rotary Club, Charleston, SC, Jan 17, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 15-18 Mar '78

Former DIA chief hits Panama Canal treaties. Interview. LtGen Daniel O. Graham, Ret. AF Times 38:21 Jan 23 '78

Our changing role in Panama: An overview. Col Norman M. Smith. illus maps Parameters 8:10-16 Sep '78

The Panama Canal treaties. AF Plcy Ltr for Comdrs: Sup No. 2:25-28 Feb '78

(Panama) Canal Treaty to bring changes for military. tab AF Times 38:32 May 8 '78

Panama present. TSgt Ken Peterson. illus Airman 22:24-29 Apr '78

Rotating the Canal (Zone). (Support for USAFSO) TSgt Kenneth Peterson. illus Air Reservist 29: 12-13 Dec '77-Jan '78

The United States and Panama: Two nations separated by a canal. map Def Monitor 12: entire issue Jan '78

Update: New Panama Canal treaties. Command 1:6-7 Dec '78

Update on ROA Panama Canal efforts. illus Officer 54:22 Jan '78

Why we must keep the Canal. M. Northrup Buechner. (Reprinted from Washington Report, Dec 1977) map Officer 54:16-18 Mar '78

PARACHUTE JUMPING

Jumping from the Crane. SP5 Charles Drake. illus USA Avn Dig 24:15-16 Oct '78

Permanent changes in the spines of military parachutists. Pertti Mustajoki and others. tabs Aviation, Space & Envmt Med 49:823-826 Jun '78

Study and Teaching

All the way--a closer look at airborne training. Maj Joseph V. Potter. illus Educ J 20:23-26 Spring '78

PARACHUTES

Rigged for the fall. Maj Charles Ray. illus Soldiers 33:39 Dec '78

Ripcord release capability of female parachutists. Margaret I. Bullock. illus tabs Aviation, Space & Envmt Med 49:1177-1183 Oct '78

PARARESCUE

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

PARARESCUE - Continued

They (pararescuemen) risk their lives 'that others may live.' 1stLt D. Rick Douglas. illus AF Mag 61:84-87 Oct '78

History

They (pararescuemen) risk their lives 'that others may live.' 1stLt D. Rick Douglas. illus AF Mag 61:84-87 Oct '78

PASCHALL, Lee M.

Defense communications: Why 'most everything now' will be interconnected. Interview. LtGen Lee M. Paschall. por Govt Exec 10:15+ Jun '78

Gravely succeeds Paschall at DCA: LtGen Lee M. Paschall retires--VADM Samuel L. Gravely, Jr assumes post. por Signal 33:44-45 Sep '78

The second-generation DCS (Defense Communications System). LtGen Lee M. Paschall. por AF Mag 61: 72-75 Jul '78

PASSPORTS

Timeliness of passport and visa applications. TIG Brief 30:14 Sep 8 '78

PATENTS

U.S. patent copies available. TIG Brief 30:15 Sep 22 '78

PATROL BOATS

The advanced patrol boat--a new range of surface effect ships from Bell-Halter. illus tabs Intl Def Rev 11, No.9:1477-1479 '78

Can the Coast Guard's new cutter cut it? LT Michael R. Adams. illus tab US Nav Inst Proc 104:99-101 Apr '78

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77; pt 2, Gun-armed FPBs. 10:1110-1114 Dec '77

FPB (Fast Patrol Boats) weapon systems' lethality leaps. illus map Elect Warfare/Def Elect 10:45-46+ Dec '78

Fast patrol boats: Key to Soviet world domination? illus maps Elect Warfare/Def Elect 10:35-44 Jul '78

Fast patrol boats: Political instruments of the USSR. map tab Elect Warfare/Def Elect 10:68-70+ Sep '78

The Garrett 990--a new gas turbine for fast patrol boats. Robert M. Chapman. illus (Also cutaway) tabs Intl Def Rev 11, No.4:545-548 '78

New European FPBs (Fast Patrol Boats) counter Soviet lead. Ridgely C. Evers and Douglas J. McNaughton. Elect Warfare/Def Elect 10:55-59 Aug '78

Patrol Hydrofoil Missiles (PHM). illus Def Trans J 34:45 Apr '78

RINA (Royal Institution of Naval Architects) symposium on small fast warships and patrol vessels (London, March 7-10, 1978). Rolf Boeche. illus tab Intl Def Rev 11, No.5:746-747 '78

PATROL BOATS - Continued

Rigid-sidewall craft from Hovermarine. Derek Wood. illus tabs Intl Def Rev 11, No.9:1480-1481 '78

The Royal Navy's offshore Island class (patrol craft for the North Sea). James Duncan Ferguson. illus US Nav Inst Proc 104:115-117 Jul '78

The SAR 33--first of the third generation of FPBs (ordered by the Turkish Coastguard). illus tab Intl Def Rev 11, No.3:351-352 '78

The security of offshore resources. D.C. Watt. illus RUSI J for Def Studies 123:18-25 Jun '78

Statistics

FPB (Fast Patrol Boats) data table. Table only. Intl Def Rev 10:1115-1130 Dec '77

PATROLSSee also

Airplanes in Patrol Work
Helicopters in Patrol Work

PATTON, George S., Jr

The When and If--Patton's own. Peggy O'Connell Parker. por Army 28:32-34 Feb '78

PAVEMENTSTesting

Pavements in cold regions. Robert A. Eaton. illus tab Mil Engr 70:106-108 Mar-Apr '78

PAY, ALLOWANCES, ETCSee also pay and/or allowances by name, e.g.,

Bonuses	Quarters Allowances
Clothing Allowances	Retirement Pay
Dislocation Allowances	Separation Pay
Dual Compensation	Subsistence Allowances
Flight Pay	Travel Pay
Proficiency Pay	

Air Force--U.S.

AF questions pay panel (President's Commission on Military Compensation) plan. Bruce Callander. AF Times 38:3 May 15 '78

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus AF Times, Times Magazine sup:4-11 Jan 9 '78

The Air Force direct payroll deposit program. TIG Brief 30:15 Jul 21 '78

COLA raise for o'sea singles? Tom Philpott. AF Times 39:3 Sep 18 '78

Civilian dollars luring scholarship doctors. AF Times 39:4 Nov 6 '78

Jr EM o'seas enjoying \$ break. AF Times 38:14 Jul 3 '78

Why they're leaving the Air Force. Ed Gates. illus AF Mag 61:70-73 Oct '78

Armed Forces--U.S.See also

Joint Uniform Military Pay System

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Administration considers 'annual' retired COL hike. AF Times 38:4 Jan 30 '78

Average DOD civilian now earns 62% more than military counterpart. F. Clifton Berry, Jr. tabs Armed Forces J Intl 116:45 Mar '78

Blowing the smoke away from the question of military vs civilian pay. F. Clifton Berry, Jr. tabs Armed Forces J Intl 115:14 Jul '78

Budget: No pay cuts, new benefits asked. Tom Philpott. AF Times 38:1+ Feb 6 '78

Buying power cut 12 percent in 5 years. tab AF Times 38:3 Jul 17 '78

COLA increase due Germany, Japan. Richard C. Barnard. AF Times 39:4 Sep 11 '78

'Cap' on raise seen; formula may change. AF Times 39:1+ Dec 18 '78

Carter calls for 5.5% pay raise in October. Andy Plattner. tab AF Times 39:1+ Sep 11 '78

Chiefs knock 'salary' at pay panel (President's Commission on Military Compensation) hearings. Tom Philpott. AF Times 38:4 Jan 1 '78

Commissioner Davis scores panel (President's Commission on Military Compensation). Interview. LtGen Benjamin O. Davis, Jr. Ret. illus AF Times 38:4 Mar 20 '78

Committee (Advisory Committee on Federal Pay) urges 'cap' modification. Tom Philpott. AF Times 39:2 Sep 4 '78

Communications hobble pay panel (President's Commission on Military Compensation). AF Times 38:3 Jan 30 '78

Compensation and the military institution. Charles C. Moskos, Jr. AF Mag 61:31-35 Apr '78

Compensation commission (President's Commission on Military Compensation) learns ROA position. Officer 54:8+ Mar '78

DOD doing poor job of explaining pay: GAO report. AF Times 39:12 Jul 31 '78

DOD moves ahead on pay proposals--raises could vary by grade. Tom Philpott. AF Times 38:1+ Jun 12 '78

DOD seen asking for single COLA. AF Times 39:3 Nov 13 '78

The dangers of civilianizing military pay. Capt George T. Naddra. AU Rev 29:63-65 Jul-Aug '78

Defense (Dept) slow in responding to manpower (Defense Manpower Commission) panel's report. AF Times 39:12 Sep 11 '78

Doctor pay bill seen languishing in '78. Richard C. Barnard. AF Times 38:6 Mar 13 '78

Doctors' class-action suit claims promotions denied. Andy Plattner. AF Times 39:3 Oct 2 '78

Drs could get \$22,000 extra. tab AF Times 38:23 Jul 3 '78

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

GAO advice could hurt pay raises. AF Times 39:19 Aug 14 '78

GAO all-vol estimate hit; many underpaid. AF Times 38:7 Feb 20 '78

GAO: Pay system unfair to singles. AF Times 38:4 Jun 26 '78

(Gen) Jones stresses on Hill: Pay system working. illus AF Times 38:4 May 29 '78

Get going on pay, Hill unit (House Appropriations Committee) tells DOD. Andy Plattner. AF Times 39:1+ Aug 7 '78

Here is what the pay panel (President's Commission on Military Compensation) recommends. tabs AF Times 38:10 Mar 20 '78

Hill OKs 5.5% raise; no reallocation seen. Andy Plattner. AF Times 38:1+ May 29 '78

Improved per diem \$\$ for Jr EM asked. Richard C. Barnard. AF Times 39:4 Oct 30 '78

Income chases cost-of-living overseas. AF Times 38:16 Jan 30 '78

Is comparability killing benefits? Study of all-vol says yes. Andy Plattner. AF Times 38:6 Jul 17 '78

Library of Congress study (states) military 'pay' growth 'better than civilian.' AF Times 38:8 Jan 30 '78

Little action seen this year on pay. (Interview with Rep Bill Nichols) AF Times 38:1+ Feb 13 '78

Military compensation. (Presentation, President's Commission on Military Compensation, Washington, Dec 21, 1977) Gen David C. Jones. AF Ploy Ltr for Comdrs: Sup No. 2:2-8 Feb '78

Military compensation: The Secretary's views. (Statement, President's Commission on Military Compensation, Washington, Jan 18, 1978) John C. Stetson. AF Ploy Ltr for Comdrs: Sup No. 3: 2-8 Mar '78

Military salaries holding their own (against civilian incomes). AF Times 39:13 Nov 20 '78

Military's real earnings decrease over civilians'. Randy Shoemaker. AF Times 38:3 Jun 19 '78

No big pay changes expected. Interview. Rep Donald J. Mitchell. AF Times 38:7 Apr 3 '78

Panel (President's Commission on Military Compensation) asks early decision on pay. AF Times 38:4 Mar 27 '78

Panel (President's Commission on Military Compensation) backs complex pay package. Tom Philpott. AF Times 38:3-4 Mar 13 '78

Panel (President's Commission on Military Compensation) backs EM RIF pay. Tom Philpott and Andy Plattner. AF Times 38:3 Feb 27 '78

Panel (President's Commission on Military Compensation): Cut tie to civil service pay increases. AF Times 38:6 Feb 6 '78

Panel (President's Compensation Commission): Few pay increases seen. Tom Philpott. AF Times 38:3 Mar 6 '78

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Panel rejects 'pay standard' used by CSC. AF Times 38:26 Feb 27 '78

Pay boost for the Armed Forces effective October 1, 1978. Table only. Soldiers 33:52-53 Nov '78

Pay cap asked; panel's (Commission on Military Compensation) plan stalls. illus AF Times 38:3 Apr 24 '78

Pay cap likely in '79. Tom Philpott. AF Times 39:1+ Nov 6 '78

Pay chart, based on 5.5 percent cap. Table only. AF Times 38:23 May 1 '78

Pay commission (President's Commission on Military Compensation) agrees, 'no salary plan, but ...' Tim Philpott. AF Times 38:1+ Feb 13 '78

Pay commission (President's Commission on Military Compensation) ignores EM's plight, NCOA says. AF Times 38:3 Mar 13 '78

Pay ideas bump into laws; Panel's (President's Pay Commission) recommendations proving legislative problem. Tom Philpott. AF Times 38:3 Jun 19 '78

The pay package ... some allowances could go up. Tom Philpott. AF Times 39:1+ Dec 11 '78

Pay panel (President's Commission on Military Compensation) EM staffers give views. AF Times 38:1+ Mar 13 '78

Pay panel (President's Commission on Military Compensation) 'failure.' Interview. LtGen Benjamin O. Davis, Jr, Ret. AF Times 38:3 Apr 10 '78

Pay panel (President's Commission on Military Compensation); Findings, conclusions. Bruce Callander. tabs AF Times 38:4+ Apr 24 '78

Pay panel (President's Commission on Military Compensation) hearings: Ideas clash on what should be done. Bruce Callander. AF Times 38:4+ Jan 9 '78

Pay retroactive when court-martial is set aside. AF Times 38:31 May 29 '78

Pay to remain as is for now, Brown says. Tom Philpott. AF Times 39:3 Aug 28 '78

The perils of pay comparability. CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 104: 31-37 Jul '78

Plight of EM o'seas hit. Richard Barnard. AF Times 38:27 Apr 10 '78

(Pres) Carter eyes 5.5 percent cap on raise. Randy Shoemaker. AF Times 38:4 Apr 10 '78

(Pres) Carter weighing pay cap in '79. Randy Shoemaker. AF Times 39:4 Jul 31 '78

President's Commission eyes pay, retirement. Eric C. Ludvigsen. illus Army 28:29-31+ May '78

Regular military compensation. Table only. AF Times 39:12 Sep 25 '78

Rep Davis (member House Armed Services Military Compensation Subcommittee) 'guarantees' benefits. (Interview with Mendel Davis) Andy Plattner. AF Times 38:4 Apr 10 '78

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Secretary of Defense aims for fair compensation system. (From Armed Forces Day address to military and civilian personnel, Ramstein AB, Ger) Harold Brown. illus Air Reservist 30:3 Jul '78

Services opposing 12% shift in raise. Randy Shoemaker. AF Times 39:2 Aug 21 '78

Some remarks on 'vote with their feet.' (Interview with Reginald J. Brown) Tom Philpott. AF Times 38:6+ Feb 6 '78

Summary of (Library of Congress) military pay study. AF Times 38:14 Feb 6 '78

Tax break: Most due more than 5.5 percent. AF Times 39:12 Sep 25 '78

3 main parts to plan Pay Panel proposes--retirement overhaul. AF Times 38:6 Mar 6 '78

Variable pay raises gaining some favor. Tom Philpott. AF Times 39:1+ Dec 4 '78

White Hats Panel reports: EM blast pay, benefits situation. Andy Plattner. AF Times 38:16+ Mar 20 '78

Will '78 raise be 'capped'? Randy Shoemaker. AF Times 38:3 Jan 9 '78

'The younger force is ready for this.' Interview. Charles J. Zwick. illus AF Times 38:4+ Apr 3 '78

National Guard--Armed Forces--U.S.

Guard and Reserve pay due for an overhaul? Col Bruce Jacobs. illus tab Natl Guardsman 32:8-11 May '78

National Guard--Army--U.S.

Panel weighs changes to Guard pay system. tabs Natl Guardsman 32:20-21 Feb '78

Reserve Forces--Air Force--U.S.

(Reserve) pay scale (per drill period) effective October 1, 1978. Table only. Air Reservist 31:4 Nov '78

Reserve Forces--Armed Forces--U.S.

Guard and Reserve pay due for an overhaul? Col Bruce Jacobs. illus tab Natl Guardsman 32:8-11 May '78

New Reserve monthly drill pay rates. Table only. AF Times 39:7 Oct 9 '78

Reserve (Compensation System) pay study: Highs get too much, lows not enough. Paul Smith. AF Times 38:63 Apr 3 '78

Reserve Forces--Army--U.S.

Benefits in Reserve. MSgt Bruce N. Bant. illus tabs Soldiers 33:40-42 Jun '78

PEACE

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Donn Starry. Govt Exec 10:18-19 Jan '78

The way to perceive peace in the Middle East. Ashraf Gherbal. Intl Sec 2:15-21 Winter '78

PEARL HARBOR, 1941

How Pearl Harbor switched things. Bruce Callander. AF Times 39:16+ Dec 4 '78

Pearl. SP5 B.J.Small. illus Soldiers 33:42-44 Nov '78

The Pearl Harbor attack; Admiral Yamamoto's fundamental concept. Jun Tsunoda and Adm Kazutomi Uchida. Nav War Col Rev 31:83-88 Fall '78

PENNSYLVANIAPolitics and Government

Computers: Effective tools for Pennsylvania. Wade Heinkle. illus Govt Exec 10:42+ Mar '78

PENTAGON COMMUNICATIONS COMMAND

(7th Signal Command's Operations Command re-named Pentagon Communications Command) Signal 32:92 Mar '78

PEPPERS, Jerome G., Jr

The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. Log Spectrum 12:16-22 Spring '78

A logistics school for all of defense. (AFIT's School of Systems and Logistics) Jerome G. Peppers, Jr. Def Mgt J 14:11-15 May '78

Maintenance management education (at AFIT's School of Systems and Logistics). Maj Jerome G. Peppers, Jr, Ret. por USA Avn Dig 24:30-32 Apr '78

PERFORMANCE REPORTS see Effectiveness Reports

PERIODICALS

See also
Newspapers

United States

DOD "magazine empire" shrinking. tab Armed Forces J Intl 115:9 Jul '78

PERMANENT CHANGE OF STATION

PCS \$ boost rejected. AF Times 38:3 Mar 6 '78

PERRY, William J.

Cruise missile--"full IOC" date problem for Pentagon, defensive one for USSR. Armed Forces J Intl 115:20 Jul '78

How DOD maintains strategic deterrence through technology. William J. Perry. Command 1: entire issue Aug '78

"It's the management superstructure that's strangling the process." Interview. William J. Perry. por Armed Forces J Intl 115:26-30+ Jul '78

PERSHING, John J.

A National Guard "Model Company" from Chicago goes to war--over General Pershing's protest, July 4, 1918. por Natl Guardsman 32:16-18+ Jul '78

PERSIAN GULF REGION

Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78

PERSIAN GULF REGION - ContinuedStrategic Importance

Building a Navy in a hurry (in Iran). LCDR Thomas F. Green. illus map tab US Nav Inst Proc 104:41-49 Jan '78

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan. 6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7: 14-16+ '78

Iran's security in the 1980s. Shahram Chubin. tab Intl Sec 2:51-80 Winter '78

The Persian Gulf: Central or peripheral to United States strategy? VADM W.J. Crowe. illus map tab US Nav Inst Proc 104:184-209 May '78

(SecAF) Stetson calls for Persian Gulf readiness. AF Times 38:6 May 1 '78

History

U.S. strategic interests in Iran and Saudi Arabia. Robert Ghobad Irani. illus map Parameters 7, No. 4:21-34 '77

PERSONAL AFFAIRS

See also
Loans, Personal

Administrative procedures for a death case. TIG Brief 30:14 Mar 31 '78

Bases delaying consumer action. M.L. Craver. AF Times 38:1 Apr 10 '78

The cost of weekend borrowing. TIG Brief 30:22 May 26 '78

Financial action efforts falling short. AF Times 38:46 May 29 '78

Financial management is everyone's business. Cpts Denny Towns and W.C. Budzinski. illus AF Compt 12:12-13 Oct '78

Going broke: They've got it all--except the money to pay for it. Marianne Lester. illus AF Times, Times Magazine sup:6-10 Jan 23 '78

Most say they didn't receive counseling on survivor benefits. AF Times 38:4 Feb 27 '78

Personal financial responsibility program. LtCol C.H. Melby. illus tab AF Compt 12:24-26 Jul '78

Personal money programs going well at 10 bases. Randy Moore. AF Times 38:2 Jan 30 '78

Revised reg (AFR 30-25) emphasizes better aid to next-of-kin. AF Times 39:10 Aug 28 '78

7000 in military on welfare rolls. AF Times 38:29 Mar 13 '78

PERSONAL APPEARANCE

Management and treatment of PseudoFolliculitis Barbae (PFB). TIG Brief 30:19 May 12 '78

Overweights overlooked. AF Times 38:7 Jun 12 '78

The red-blooded Air Force supervisor. TIG Brief 30:14 Mar 3 '78

Shaving rules guide ANG. AF Times 38:10 Apr 10 '78

PERSONAL EQUIPMENT

See also items by name, e.g.,
Clothing, Protective Parachutes
Helmets Survival Equipment

PERSONAL EQUIPMENT - Continued

The goggles that turn off the sun. (LADs, Light-Attenuation Devices) Paul R. Bleda and LtCol Thomas M. Johnson. illus Army 28:36-39 Mar '78

Individual equipment. Maj Wayne E. Griffith. illus Interceptor 20:26-28 Jun '78

Internal security--some recent equipment from the UK. illus tabs Intl Def Rev 11, No.8:1302-1306 '78

Life support update. Regular feature in some issues of TAC Attack

Low atmospheric pressure effects on wearing soft contact lenses. Weylin G. Eng and others. illus tabs Aviation, Space & Envmt Med 49:73-75 Jan '78

Night vision goggle: Human factors aspects of the AN/PVS-5. Maj William C. Wood. illus USA Avn Dig 24:32-35 Jul '78

Night vision: On target. SP5 Manuel Gomez. illus Soldiers 33:18-21 Mar '78

PERSONAL PROPERTY see Household EffectsPERSONNEL

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics.

See also

Manpower, Military
Retention of Military Personnel

Air Force--U.S.

(AF) Personnel (Management) Team to visit Iceland. Randy Moore. AF Times 38:4 Feb 6 '78

Air Force realignment of departmental headquarters. AF Plcy Ltr for Comdrs: Sup No.7:38-40 Jul '78

CBPOs in midst of realignment. AF Times 39:11 Oct 9 '78

Personnel slots in DC will be cut by 1500. M.L. Craver. AF Times 38:14 Apr 24 '78

Quality of force issues. (Remarks, Air Force Worldwide Personnel Conference, Randolph AFB, Tex, Nov 16, 1977) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.2:9-12 Feb '78

Reliability suspension (AFR 35-99) not a disqualifier. Ron Sanders. AF Times 38:4 May 22 '78

Some in personnel should be looking for new jobs. AF Times 38:7 Jun 5 '78

Armed Forces--U.S.

A comprehensive model for a total-force military personnel system. John R. Brinkerhoff and William A. Lindsay. illus Def Mgt J 14:4-11 Jul '78

People. Gen George S. Brown. illus Officer 54:27-29 Apr '78

'Up-or-out system is wrong.' (Interview with Rep Marjorie S. Holt) Andy Plattner. illus AF Times 38:22 Feb 20 '78

Army--U.S.

ODCSPER (Office, Deputy Chief of Staff for PERSONnel): 'People support is what we are here for.' LtGen Robert G. Yerks. illus Army 28:66-72 Oct '78

PERSONNEL - ContinuedNational Guard--Air Force--U.S.

New Air National Guard personnel security investigation procedures. TIG Brief 30:5 Oct 20 '78

Navy--Great Britain

Operational training in the Royal Navy. Comdr Joseph M. Palmer, Ret. illus tab US Nav Inst Proc 104: 53-61 Jun '78

Navy--Russia

The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J. Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78

Navy--U.S.

Attitudinal dimensions of military professionalism: Perceptions among naval personnel. James L. Regens. tabs J Pol & Mil Sociol 5:239-257 Fall '77

Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78

A solution to retention: The open-ended enlistment. CAPT James D. Elliott. illus US Nav Inst Proc 104:44-52 Jun '78

Surface reflections. CDR John B. Bonds. illus US Nav Inst Proc 104:48-55 Mar '78

Reserve Forces--Army--U.S.

Reserve personnel (Officer and Enlisted Personnel Management Systems--United States Army Reserve (OEPMS-USAR)) being implemented now in St Louis. illus Officer 54:12 Nov '78

PERSONNEL ADMINISTRATION

(AF) Personnel (Management) Team to visit Iceland. Randy Moore. AF Times 38:4 Feb 6 '78

Are professionalism and integrity only a myth? LtCol Raymond F. Hamel. illus AU Rev 29:60-67 May-Jun '78

The board of last resort. (Army Board for Correction of Military Records) MSgt Bruce N. Bant. tab Soldiers 33:19-21 Feb '78

CBPOs in midst of realignment. AF Times 39:11 Oct 9 '78

Civilian leave management. TIG Brief 30:21 Apr 14 '78

Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78

A comprehensive model for a total-force military personnel system. John R. Brinkerhoff and William A. Lindsay. illus Def Mgt J 14:4-11 Jul '78

Crossfeed/self-inspection programs. TIG Brief 30:6 Aug 4 '78

Defense (Dept) slow in responding to manpower (Defense Manpower Commission) panel's report. AF Times 39:12 Sep 11 '78

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

PERSONNEL ADMINISTRATION - Continued

Employee-Management Policy (AFR 40-701). TIG Brief 30:20 Aug 4 '78

Equal Employment Opportunity (EEO), upward mobility, and the manager. TIG Brief 30:17 Feb 3 '78

From pariah to professional: Women on tugs. LT John E. Kane. illus Def Mgt J 14:3-9 Jan '78

Grading the fitness report. CAPT Frank M. Snyder, Ret. illus US Nav Inst Proc 104:48-53 Sep '78

"Hitting the ground running." (Remarks, ROTC Cadet Corps Dining-Out, Alabama State University, Montgomery, April 22, 1978) Col T.C. Hall. AF Plcy Ltr for Comdrs: Sup No. 7:24-30 Jul '78

'More bang for the buck' shouldn't be just a slogan. Maj Edward L. House, Jr. illus MarCor Gaz 62: 46-50 Aug '78

ODCSPER (Office, Deputy Chief of Staff for Personnel): 'People support is what we are here for.' LtGen Robert G. Yerks. illus Army 28:66-72 Oct '78

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Officer management rivals industry's. (Rand study) AF Times 39:4 Dec 4 '78

PEP (Performance Effectiveness Program) improves poor workers: Plan avoids harsh measures. Randy Moore. AF Times 38:8 Jan 1 '78

The pinger. Capt James P. Coe. illus MAC Flyer 25:6-8 Jan '78

Reserve personnel (Officer and Enlisted Personnel Management Systems-United States Army Reserve (OEPMS-USAR)) being implemented now in St Louis. illus Officer 54:12 Nov '78

Set theory in management of the professional. Col Richard L. Butler and Capt Homer C. Emery. illus Def Mgt J 14:40-43 May '78

Some in personnel should be looking for new jobs. AF Times 38:7 Jun 5 '78

Special Experience Identifiers (SEIs). TIG Brief 30:13 May 26 '78

Task--a management chokepoint. Maj Thomas J. Stubblebine. illus Armed Forces Compt 23:23-25 Nov '78

There is something new in position classification. Paul A. Katz. Def Mgt J 14:16-19 Sep '78

Using lapse management in civilian personnel distribution--a SAC case study. Leland G. Jordan and 1stLt Frances J. Morris. tabs Def Mgt J 14: 36-39 May '78

Weapon systems officer management, my end of tour report. Maj Nolan W. Schmidt. illus tab Navigator 25:26-31 Spring '78

PERSONNEL CLASSIFICATIONAir Force--U.S.

Aircrew manning requirements. TIG Brief 30:17 Sep 22 '78

Airman career progression guides. TIG Brief 30:18 Aug 25 '78

PERSONNEL CLASSIFICATION - ContinuedAir Force--U.S. - Cont'd

Analyzing the factors in E-9 promotion story. Bruce Callander. tab AF Times 38:36+ May 15 '78

Assignments for senior NCOs (grades E-8 and E-7). TIG Brief 30:13 Jul 21 '78

CONUS bases start Warskil training in April. AF Times 38:22 Apr 3 '78

(Career progression) guides (AFP-39 series) show airmen where they're going. AF Times 38:21 Mar 20 '78

Chief Enlisted Manager (CEM) codes Q&A. AF Times 39:24 Sep 18 '78

Chief enlisted manager codes. tab AF Times 39:10 Oct 30 '78

E-6 through 9 sought for shortage retraining. AF Times 38:43 May 1 '78

54 percent in Warskil volunteered. Len Famiglietti. AF Times 38:15 Apr 24 '78

New EM early outs--1st termers in 80 skills can apply. Bruce Callander. AF Times 38:1+ Jun 26 '78

Reading levels set to match EM skills. Len Famiglietti. tab AF Times 38:1+ Jun 5 '78

Skill merger would involve 50,000 (in aircraft maintenance). Len Famiglietti. AF Times 38:4 May 15 '78

Skills overhauled--E-9s top managers. Bruce Callander. AF Times 39:1+ Sep 18 '78

Some changes, none major, due for re-up bonuses. AF Times 39:7 Sep 18 '78

Some in personnel should be looking for new jobs. AF Times 38:7 Jun 5 '78

Some to pay back (skill) bonus. AF Times 38:3 Jan 1 '78

Special experience identifier for airspace managers. TIG Brief 30:16 Sep 22 '78

Special Experience Identifiers (SEIs). TIG Brief 30:13 May 26 '78

Unclassifieds: Retraining emphasized. AF Times 39:20 Dec 18 '78

Volunteers needed in EM flying jobs. Len Famiglietti. AF Times 39:4 Aug 21 '78

Warskil due to be doubled. Len Famiglietti. AF Times 39:3 Dec 11 '78

Armed Forces--U.S.

Skill training scored (by GAO). AF Times 38:14 Mar 6 '78

Army--U.S.

Easing the MOS crunch. Maj Dean A. Phillips and SSgt John Savard. illus tabs Soldiers 33:20-23 May '78

Reserve Forces--Air Force--U.S.

Headhunter II (skills inventory). LtCol Charles Merrill. illus Air Reservist 29:16 Feb '78

(Mechanical Maintenance) CMF (Career Management Field) 63 changes proposed. chart Army Log 10: 22-25 Sep-Oct '78

PETERSON, Milton R.

Directorate of Cost & Management Analysis. BrigGen M.R. Peterson. por AF Compt 12:26-27 Oct '78

Notes from the Director of Management Analysis. BrigGen M.R. Peterson. por AF Compt 12:28-29 Apr '78

Notes from the Director of Management Analysis. BrigGen M.R. Peterson. por AF Compt 12:28-29 Jul '78

PETROLEUM

The Amoco Cadiz: An avoidable disaster? CDR J.W. McCurdy, Ret. illus US Nav Inst Proc 104:109-110 Jun '78

U.S. Life Lines: Data and statistics, observations and conclusions. James D. Hessman and Ellen D. Bottiny. tabs illus Sea Power 21:31-34 Sep '78

Supply and Distribution

(Alaska) pipeline perspective. John J. Kern. illus map Mil Engr 70:24-29 Jan-Feb '78

Centralized ground fuels management. TIG Brief 30:9 Jun 23 '78

The demand for resources--a cause for conflict. (Remarks, Iron Gate Chapter Luncheon, Air Force Assoc, New York, Dec 7, 1977) John C. Stetson. AF Ploy Ltr for Comdrs: Sup No. 1:2-6 Jan '78

Foreign energy sources and military power. Maj. Daniel W. Christman and Wesley K. Clark. illus Mil Rev 58:3-14 Feb '78

Modernizing bulk petroleum fuels distribution. illus Army Log 10:2-6 Nov-Dec '78

Moscow's changing oil and gas strategy: A new geography. Stefan T. Possony. Def & For Aff Dig 6, No. 11:4-7+ '78

The outlook for imported energy. Warren E. Burch. illus tabs Log Spectrum 12:11-15 Spring '78

The search for jet fuel. Richard Earl Hansen. map tabs AF Mag 61:74-77 Oct '78

The West's jugular vein: Arab oil. Bridget Gall. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

Arabian Peninsula

Middle Eastern geopolitics: A view from the desert. Chester A. Nagle. illus maps Elect Warfare/Def Elect 10:29-30+ Jan '78

Barents Sea

Spitsbergen: Who's in control? John C. Ausland. illus map US Nav Inst Proc 104:62-70 Nov '78

North Sea Region

Offshore Tapestry--the RAF's first year. WgComdr T. C. Flanagan. illus map Royal Air Forces Qtr 18:111-121 Summer '78

The security of offshore resources. D. C. Watt. illus RUSI J for Def Studies 123:18-25 Jun '78

Persian Gulf Region

The Persian Gulf: Central or peripheral to United States strategy? VADM W.J. Crowe. illus map tab US Nav Inst Proc 104:184-209 May '78

PETROLEUM - ContinuedRussia

An urgent appointment (Soviet-Middle Eastern strategies). Miles Costick. illus Def & For Aff Dig 6, No. 6:8-10 '78

United States

A new look at domestic petroleum resources. Betty M. Miller. illus maps tabs Mil Engr 70:86-90 Mar-Apr '78

PETROLEUM INDUSTRY AND TRADE

Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78

Food, oil, and coercive resource power. Robert L. Paarlberg. Intl Sec 3:3-19 Fall '78

The West's jugular vein: Arab oil. Bridget Gall. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

Middle East

Israel's strategic posture. (Interview with Moshe Arens) illus Def & For Aff Dig 6, No. 12:34-35 '78

RumaniaHistory

Oil interdiction: The relevance of past experience in Rumania. John Sweetman. map Royal Air Forces Qtr 18:287-291+ Autumn '78

Russia

Frontiers of the oil region. I. Semyonov. illus tabs Soviet Mil Rev No. 12:29-31 Dec '78

Moscow's changing oil and gas strategy: A new geography. Stefan T. Possony. Def & For Aff Dig 6, No. 11:4-7+ '78

United States

Why won't government face the crisis (in U.S. international trade)? C.W. Borklund. illus tab Govt Exec 10:10+ Sep '78

PHILIPPINES

The strange case of Rainbow-5. CAPT Charles O. Cook, Jr. Ret. illus US Nav Inst Proc 104:66-73 Aug '78

PHILIPPINES (REPUBLIC)Foreign RelationsUnited States

Philippine-American relations and the U.S. bases: A Filipino perspective. Capt Serapio P. Taccad. Nav War Col Rev 30:67-74 Spring '78

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, AerialPHOTOGRAPHY

See also
Cameras

Forum of flight. Regular feature in some issues of American Aviation Historical Society Journal

PHOTOGRAPHY, AERIAL

The story behind the shutters. (AF's Still Photo Depository records aviation history) LtCol William H. Quelch, Jr. illus Airman 22:19-23 Apr '78

PHOTOGRAPHY, INFRARED

Airborne IR surveys. Lewis E. Link, Jr. illus Mil Engr 70:246-247 Jul-Aug '78

PHOTOGRAPHY, MILITARY

Naval and maritime prize photography, 1978. Pictorial. US Nav Inst Proc 104:97-102 Nov '78

Pictures of success--winning ways. (1977 Military Photographer of the Year Competition) SP5 Manuel Gómez. illus Soldiers 33:20-25 Jul '78

The story behind the shutters. (AF's Still Photo Depository records aviation history) LtCol William H. Quelch, Jr. illus Airman 22:19-23 Apr '78

Their winning ways. (Winners of the 15th Annual Military Pictures of the Year Contest) illus Airman 22:32-38 Sep '78

PHYSICAL EDUCATION AND TRAINING

Fake injury 'proved'--CMA upholds conviction. AF Times 38:20 Mar 6 '78

Putting the punch in PT. Maj Charles Ray. illus Soldiers 33:38-39 Apr '78

PHYSICAL EXAMINATIONS see Medical ExaminationsPHYSICAL FITNESS

Comparison of diving bradycardia and maximal aerobic power. Sigmund B. Strømme and Frank Ingjer. tab Aviation, Space & Envt Med 49:1267-1270 Nov '78

Defense says lighten up on (AF) weight regs. AF Times 39:12 Aug 14 '78

832 discharged for weight. AF Times 38:27 Apr 10 '78

The fighter pilot's breakfast. LT G.R. Banta. tabs Aerosp Safety 34:18-21 Jan '78

Fitness test same for both sexes. AF Times 38:11 Jan 1 '78

Height, sex may be weight basis. AF Times 38:6 Jul 10 '78

How to save your own life: The VS-21 "back to health" campaign. CDR Dallas B. Boggs. illus Approach 23:6-8 Jan '78

How to take off the fat and keep it off. Capt James B. Swartzenberg. tabs MarCor Gaz 62:57-61 Dec '78

Many athletes become fine soldiers. MajGen A.S. Newman. illus Army 28:57-58 Mar '78

The most important decision of your life. LtCol Harold Andersen. illus TAC Attack 18:26-28 Feb '78

Off-duty sports for fun and fitness. Dave Karten. illus Review 58:20-22+ Sep-Oct '78

Overweights overlooked. AF Times 38:7 Jun 12 '78

Pvt Hackett. Capt Robert B. Killebrew. illus Army 28:21-23 Jan '78

Putting the punch in PT. Maj Charles Ray. illus Soldiers 33:38-39 Apr '78

PHYSICAL FITNESS - ContinuedBibliography

(Books in print on running and other aerobic exercises) MarCor Gaz 62:57-60 Sep '78

PHYSICALLY HANDICAPPED see HandicappedPHYSICIANS

AF opposes freeze on PA commissions. Ron Sanders. AF Times 39:2 Aug 21 '78

The all-volunteer force: Five years later. Richard V.L. Cooper. illus tab Intl Sec 2:101-131 Spring '78

Claims outstrip amounts paid--malpractice cases up. AF Times 38:4 Feb 13 '78

'Deserter' doctor (Leon T. Davis) gets \$2000 fine, dismissal. AF Times 39:8 Nov 20 '78

Dr shortage not periling level of care. Ron Sanders. AF Times 39:3 Oct 2 '78

Dr shortage to last longer than expected. AF Times 38:44 May 29 '78

Doctor shortage--what's being done about it? Sgt1C Matt Glasgow. illus Soldiers 33:6-11 Jul '78

Doctors' class-action suit claims promotions denied. Andy Plattner. AF Times 39:3 Oct 2 '78

Hill cool on doc(tor) recruiting. AF Times 39:3 Aug 7 '78

MD shortage seen reducing med services. AF Times 39:10 Dec 18 '78

MDs lose civil suit on length of service. Ron Sanders. AF Times 38:10 Jul 10 '78

Malpractice suits still on increase in AF. AF Times 38:2 Jan 30 '78

Medical care lack seen if war comes--Europe assessment. AF Times 39:6 Aug 28 '78

PA aspirants need 60 college hours. Ron Sanders. AF Times 38:2 Feb 27 '78

Smith optimistic on future health care. Interview. Robert N. Smith. illus AF Times 38:25 Jan 30 '78

The struggle for family practice medicine. Richard C. Barnard. illus AF Times, Times Magazine sup: 12-14 May 1 '78

Surgeon General sees end to doctor shortage. Interview. LtGen George E. Schafer. AF Times 38:2 Feb 20 '78

Salaries and Wages

Bill would give doctors special pays over \$20,000. AF Times 39:25 Sep 11 '78

Civilian dollars luring scholarship doctors. AF Times 39:4 Nov 6 '78

DOD asks bonus change for doctors. AF Times 39:29 Dec 25 '78

Doctor pay bill seen languishing in '78. Richard C. Barnard. AF Times 38:6 Mar 13 '78

Drs could get \$22,000 extra. tab AF Times 38:23 Jul 3 '78

Doctors need pay security. Interview. LtGen George E. Schafer, Ret. illus AF Times 39:52-53 Sep 25 '78

PHYSICIANS - ContinuedSalaries and Wages - Cont'd

Raise pays to lure doctors, House told. AF Times
39:21 Aug 21 '78

PHYSIOLOGICAL RESEARCHSee also

Aviation--Physiological Aspects
Space Flight--Physiological Aspects

Comparison of analysis techniques for electromyographic data. John C. Johnson. illus tabs Aviation, Space & Envmt Med 49:14-18 Jan '78

Diving experience and emotional factors related to the psychomotor effects of nitrogen narcosis. Robert J. Biersner and others. tabs Aviation, Space & Envmt Med 49:959-962 Aug '78

Effect of long-term hyperbaric stress on ammonia metabolism in humans. Sara C. Gilman and others. tab Aviation, Space & Envmt Med 49:1093-1094 Sep '78

Effect of vitamin and amino acid supplements on human performance during heavy mental and physical work. A.S. Ushakov and others. tabs Aviation, Space & Envmt Med 49:1184-1187 Oct '78

Effects of hypocapnia on psychomotor and intellectual performance. T.M. Gibson. illus tab Aviation, Space & Envmt Med 49:943-946 Aug '78

Hypertension in the civilian flying population: Significant or not? Michael A. Berry and Robert L. Wick, Jr. tabs Aviation, Space & Envmt Med 49:78-80 Jan '78

Hypoxia, smoking history, and exercise. James A. Wagner and others. illus tabs Aviation, Space & Envmt Med 49:785-791 Jun '78

Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation. Per Kristian Opstad and others. illus tabs Aviation, Space & Envmt Med 49:1065-1073 Sep '78

Prevention of motion sickness in flight maneuvers, aided by transfer of adaptation effects acquired in the laboratory: Ten consecutive referrals. Ashton Graybiel and James Knepton. tab Aviation, Space & Envmt Med 49:914-919 Jul '78

Space colonization--some physiological perspectives. Lawrence H. Winkler. tabs Aviation, Space & Envmt Med 49:898-901 Jul '78

A war for science. LtCol J.W. Stokes and L.E. Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

PILOT ERROR

Aircrew discipline: Who needs glasses? TIG Brief
30:4 May 12 '78

Aircrew judgment--not gone or forgotten. Capt David V. Froehlich. Aerosp Safety 34:24-25 Aug '78

"Breathes there a pilot ..." Maj Kenneth E. Krause. illus TAC Attack 13:6-7 Jul '78

Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

PILOT ERROR - Continued

Confessions of a military runaway. Capt James J. Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Crew coordination. Maj Roger L. Jacks. illus Aerosp Safety 34:4-6 Dec '78

Gear up (wings down). LtCol Warren R. Horney. illus Aerosp Safety 34:16-18 Aug '78

Hindsight won't bring you back! Capt Ken Van Meter. illus Interceptor 20:18-19 Feb '78

Hot takeoffs can lead to cold statistics. illus Approach 23:28-29 Jan '78

An inflight RIF? Capt David E. Pine. illus Aerosp Safety 34:18-19 Dec '78

It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78

Looking back at human factors. illus MAC Flyer 25:20-21 Dec '78

No short landings? illus Aerosp Safety 34:14-15 Dec '78

Not knowing your pilots. (Reprinted from Approach, April 1978) illus USA Avn Dig 24:28-29 Sep '78

Programmed for landing. Capt Bruce L. Gumble. illus MAC Flyer 25:21-22 Feb '78

The psychologist and flying accidents. R.G. Green. Aviation, Space & Envmt Med 48:922-923 Oct '77

A red light squeaker. illus TAC Attack 18:18-19 Oct '78

Scratch one Trojan! illus Approach 23:12-13 Jan '78

The smart way to go around. Capt Bob Ziener. illus tab Aerosp Safety 34:4-5 Aug '78

Stress. Anchar F. Zeller. illus Aerosp Safety 34:20-22 Dec '78

To err is human. Maj Wayne E. Griffith. illus Interceptor 20:12-15 Mar '78

We are out of gas!! Capt Kenneth S. Harvell. illus tab Aerosp Safety 34:2-4 Oct '78

PILOTSSee also

Aces
Astronauts
Test Pilots

AF battles exodus of pilots. Martha Craver and Bruce Callander. tabs AF Times 39:3 Aug 14 '78

The Air Force pilot exodus. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Oct 16 '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

Commands talk about retaining pilots--Randolph (AFB, Tex) hosts 5-day workshop. M.L. Craver. AF Times 39:3 Dec 4 '78

Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches. Henry W. Mertens. illus tabs Aviation, Space & Envmt Med 49:1043-1055 Sep '78

PILOTS - Continued

- Don't obey that impulse. illus Interceptor 20:10-11 Dec '78
- Evaluation method of mental workload under flight conditions. Chiharu Sekiguchi and others. illus tabs Aviation, Space & Envmt Med 49:920-925 Jul '78
- Flight pay boost backed: Services pit pay incentives against pilot losses. Bruce Callander. AF Times 39:3 Dec 25 '78
- High accident risk pilots. (Adapted from Approach, March 1977) illus Interceptor 20:5-7 Apr '78
- Inflight measurement of pilot workload: A panel discussion (during 48th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 10, 1977). S.J. Gerathewohl and others. illus tabs Aviation, Space & Envmt Med 49:810-822 Jun '78
- Longevity in military pilots: 37-year followup of the Navy's "1000 Aviators." N.R. MacIntyre and others. tabs Aviation, Space & Envmt Med 49: 1120-1122 Sep '78
- Many MAC pilots quitting for airline jobs. AF Times 39:3 Dec 4 '78
- Night flight. Maj Wayne E. Griffith. illus Aerosp Safety 34:14-18 Oct '78
- Not knowing your pilots. (Reprinted from Approach, April 1978) illus USA Avn Dig 24:28-29 Sep '78
- Pills, potions, and pilots--a delicate balance. Col David J. Geigerman. (Adapted from Rotor & Wing, Sep 1977) illus tabs USA Avn Dig 24:20-23 Jan '78
- Pilot exodus: An analysis. Bruce Callander. AF Times 39:14 Dec 11 '78
- Pilot exodus still growing. M.L. Craver. AF Times 39:2 Dec 18 '78
- Pilot in command. LtCol Charles L. Pocock, Jr. illus Aerosp Safety 34:23-24 Oct '78
- (Pilot) retention drive is on. M.L. Craver. AF Times 38:14 Jun 26 '78
- Prejudice or fact? A perspective from the PPPA (Prejudiced Pilots' Protective Assoc). illus AU Rev 29:65-69 Jan-Feb '78
- Professionalism. LtCol Charles L. Pocock, Jr. illus Aerosp Safety 34:10-11 Dec '78
- Rated supplement program winds down; surplus low. tab AF Times 38:22 Jan 30 '78
- Task-specific simulator pretraining and in-flight stress of student pilots. G.S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 49: 1107-1110 Sep '78
- 'To ride a one-oh-five.' Tom Wright. illus Air Reservist 30:16-17 Jul '78
- Trained USAF, Navy pilots resigning in huge numbers. R.L. Janisch. tab Armed Forces J Intl 116:28 Oct '78
- Weather forecasts ... how good are they? Capts Warren A. Von Werne and Joseph J. Butchko. illus tab TAC Attack 18:24-25 Apr '78

PILOTS - Continued

- Why pilots get out. Gen T.R. Milton, Ret. AF Mag 61:138 Sep '78
- Why they're leaving the Air Force. Ed Gates. illus AF Mag 61:70-73 Oct '78
- Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78
- Wings, wizards and wisdom. Sammy Mason. (Adapted from Flight Operations) illus MAC Flyer 25:20-22 Sep '78
- Woman Army aviator (Capt Linda McDonald Horan) to compete (in international helicopter airshow and competition) in Russia. SP5 Charles Drake. illus USA Avn Dig 24:47 Jul '78
- Woman power. illus Air Reservist 29:12-18 Nov '77
- Women with wings is topic of meeting (of the Defense Advisory Committee on Women in the Services) M.L. Craver. AF Times 39:7 Nov 13 '78
- You've got it and you'd better keep it. Interceptor 20: 18-19 Dec '78

Education and TrainingSee alsoInstructor Pilots

- Accelerated Copilot Enrichment (ACE). Capt John H. Wayne, Jr. illus Aerosp Safety 34:26-27 Apr '78
- Air cavalry. LtCol Donald R. Martin. Armor 87:36-38 Jul-Aug '78
- Aircrew training and audiovisual systems. TIG Brief 30:8 Jul 21 '78
- BAe Hawk displays dual roles. Charles Gilson. illus tabs Intl Def Rev 11, No. 6:826-828 '78
- The bandits. (USAF Aggressor squadrons play the role of the enemy) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:20-26 Mar '78
- Big pilot training jump seen for FY 80. AF Times 38:29 Mar 20 '78
- The bottom line. Capt Clyde B. Phillips. illus USAF Ftr Wpns Rev, pp 20-25, Winter '77
- CH-47 mobile training team lessons learned. CW2 William R. Steele. illus USA Avn Dig 24:20-22 Jun '78
- Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78
- European weather can bite you. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 34:26-27 Jan '78
- Flying training--new commitments (for) advanced schools. M.L. Craver. AF Times 39:14 Nov 20 '78
- "Here I am; send me." (Remarks, undergraduate pilot training class, Columbus AFB, Miss, Aug 31, 1978) MajGen Hoyt S. Vandenberg, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:18-19 Nov '78
- Mastering advanced flying. LtCol P. Denisenko. illus Soviet Mil Rev No. 6:26-28 Jun '78
- No one outgrows the need. illus MAC Flyer 25:19-20 Nov '78

PILOTS - ContinuedEducation and Training - Cont'd

Notes from an aggressor pilot. Capt A. Lee Harrell. illus Air Def Mag, pp 14-17, Apr-Jun '78

Oct pilot board to pick deferred ROTC cadets. AF Times 39:7 Jul 31 '78

'175-40.' LtCol Charles W. Abbey and Capt Raymond N. Krause. illus Armor 87:14-15 Mar-Apr '78

Pilots to serve 6 years; stability, savings seen. M. L. Craver. AF Times 38:6 Feb 13 '78

Teaching the world to fly. (Williams AFB, Ariz, trains pilots from many nations) Maj Terry A. Arnold. illus Airman 22:20-25 Jan '78

Training to fly the Harrier. (Interview with LtCol J. E. Iles) illus Approach 23:1-6 Mar '78

UPT has plan to cut attrition. Len Famiglietti. AF Times 39:4 Oct 16 '78

Unit training. illus USA Avn Dig 24:8-11 Nov '78

History

The day I taught myself to fly. MajGen Benjamin D. Foulis, Ret as told to Harold L. Craven. (Reprinted from Airman, Sep 1965) illus Airman 22: 2-5 Dec '78

First to fly--first to die. (Lt Thomas E. Selfridge, America's first military air fatality) Translog 9: back cover Nov-Dec '78

The forgotten heroes of 1927. illus tabs Am Avn Hist Soc J 22:303-307 Winter '77

Memoirs of pilot Elwyn H. Gibbon, the mad Irishman. (Mercenary pilot for China in the 14th International Sq) Edward L. Leiser. illus tabs Am Avn Hist Soc J 23:2-18 Spring '78

Reaction Time

Systems safety of the future--pride, preoccupation, and programming. Maj Michael F. Rundle. illus Interceptor 20:16-18 Jul '78

Statistics

Why they're leaving the Air Force. Ed Gates. illus AF Mag 61:70-73 Oct '78

PILOTS, CIVILEducation and Training

The only way to fly. LtCol Matthew A. Howard. illus Soldiers 33:24-25 May '78

PILOTS, COMMERCIAL

AF battles exodus of pilots. Martha Craver and Bruce Callander. tabs AF Times 39:3 Aug 14 '78

Retention--more flight pay: Would it work (to help stem the flow of military pilots to the airlines)? AF Times 39:3 Sep 25 '78

PINE TREE EARLY WARNING LINE see Distant Early Warning Systems

PIPELINES see Petroleum--Supply and Distribution

PISTOLS

Handguns in history: The three-way competition for an acceptable cavalry revolver. Maj Charles W. Pate. illus Soldiers 33:42-44 Sep '78

In defense of the '45.' LtCol David C. Holliday, Ret. illus Armor 87:42-43 Jan-Feb '78

PLANETARIA

Creating past and future skies in the (AF) Academy's 'time machine.' SrAmm Karen Hebson. illus AF Times 39:39 Aug 21 '78

PLANETSSee also

Extraterrestrial Life

PLANNING-PROGRAMMING-BUDGETING SYSTEMSee also

Economic Analysis

Planning and programming the budget in a multimission organization. VADM James S. Gracey. illus Def Mgt J 14:12-15 Sep '78

PLASMASee also

Magnetohydrodynamics

POE, Bryce, II

Air Force Logistics Command. por AF Mag 61:64-65 May '78

Bowing in. (LtGen Bryce Poe II takes command of Air Force Logistics Command) por AF Times 38:24 Feb 20 '78

(Integrity) Gen Bryce Poe II. TIG Brief 30:1-2 Oct 20 '78

Logistics, communications, and readiness. Gen Bryce Poe II. (Reprinted from Command, Control and Communications Newsletter, Oct 15, 1978) AF Plcy Ltr for Comdrs: Sup No. 11:20-22 Nov '78

Logistics for readiness. (Remarks, Mobile Chapter, Air Force Assoc, Mobile, Ala, May 18, 1978) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 8: 34-40 Aug '78

Reliability improvement warranties and combat readiness. Gen Bryce Poe II. TIG Brief 30:1 Mar 3 '78

POEMS

An Average Pilot (with apologies to W.H. Auden). Capt James P. Coe. MAC Flyer 25:18 Aug '78

Bloodhound. D.R. Conran-Smith. Royal Air Forces Qtr 18:285 Autumn '78

Exaltation. Herman L. Schreiner. Am Avn Hist Soc J 23:173 Fall '78

Hear Me. LtCol Barry M. Meuse. AU Rev 29:21 May-Jun '78

Much Ado about Ordnance Safety. GpCapt Nutall. TIG Brief 30:11 Sep 22 '78

An Ode to Rapier. LtCol P. J. Knott, Ret. Royal Air Forces Qtr 18:32 Spring '78

POEMS - Continued

Old Pursuit Pilot (for the "Old Man"). Maj J.H. Paul. TIG Brief 30: back cover Nov 17 '78

The pilot poet. (John Gillespie Magee, Jr, author of "High Flight") MSGt Dick Larsen. Airman 22:34-37 Jan '78

The Reason. MSGt Michael J. Hess. TIG Brief 30:14 Oct 6 '78

Rescue Force. Maj J. Alan Hassell. MAC Flyer 25:7 May '78

Sky Fever. T. Paxton Sherwood. Aerosp Hist 25:210 Dec '78

Thirty Years. Col Roger F. Conover. Army 28:10 Nov '78

To a T-Bird. Hans Dietrich. Interceptor 20:16-17 Oct '78

POLICE

More booty for bounty hunters finding deserters. AF Times 39:1+ Aug 28 '78

The Philadelphia connection. (Marine BrigGen Smedley D. Butler serves as Director of Public Safety for Philadelphia, 1924-25, during Prohibition) Maj John C. Short, Jr. illus MarCor Gaz 62:57-63 Nov '78

Ulster: The name of the internal security game. R.B. Pengelley. illus Intl Def Rev 11, No.8: 1297-1301 '78

ZBB can work in law enforcement. Charles E. Gabriel. illus Govt Exec 10:22+ Aug '78

POLITICAL SCIENCE

Coup. Paul L. Moorcraft. illus Army 28:16-19 Jul '78

POLITICAL WARFARE see War--Political AspectsPOLITICS

See also
International Politics
War--Political Aspects
also subdivision Politics and Government under specific countries

But they (two congressmen with a single speciality, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. illus Army 28:24-28 Jan '78

Coup. Paul L. Moorcraft. illus Army 28:16-19 Jul '78

Marx and radical militarism in the developing nations. Miles D. Wolpin. Armed Forces & Soc 4: 245-264 Winter '78

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs Digest

POLLUTION

See also
Environment

POLLUTION - Continued

The Amoco Cadiz: An avoidable disaster? CDR J.W. McCurdy, Ret. illus US Nav Inst Proc 104:109-110 Jun '78

The big headaches (automotive issues): One by one. Semon E. Knudsen. illus Govt Exec 10:23-24+ Jul '78

A case for mandatory certification (for wastewater treatment). SMSgt Hermie Corns. illus AF Engrg & Svcs Qtr 19:30-32 Feb '78

From fifty bales of straw. (How engineers at McChord AFB, Wash, developed a workable plan to handle fuel spills) Capt Richard A. Hill. illus AF Engrg & Svcs Qtr 19:34-37 Nov '78

Lawton (Okla) advanced wastewater treatment plant. John M. Baker. illus tab Mil Engr 70:78-81 Mar-Apr '78

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

Pond liners, anyone? Ralph M. Woodley. illus tabs Mil Engr 70:392-395 Nov-Dec '78

The Shagawa Lake project. Robert M. Brice and others. illus map tab Mil Engr 70:412-415 Nov-Dec '78

POLYGRAPH see Lie DetectorsPOPULATION

Water as a source of conflict. Col Roy L. Thompson. illus tabs Strat Rev 6:62-72 Spring '78

United States

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

PORTS

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

The future of container ports. Lee Sellers. illus Def Trans J 34:30-32 Jun '78

New Orleans leases MTMC berths. illus Translog 9:16 May '78

The ports of Bremen. illus Def Trans J 34:27-28 Jun '78

USSR's largest sea port (Vostochny) is under construction. Evgeny Novikov. illus Def Trans J 34: 46+ Oct '78

PORTUGAL

Lessons from Portugal's counter-insurgency operations in Africa. Thomas H. Henriksen. RUSI J for Def Studies 123:31-35 Jun '78

Foreign RelationsNATO

Portugal: Strengthening NATO ties. David Harvey. illus Def & For Aff Dig 6, No.9:45 '78

POST, Gerald J.

Meet (Lt)Gen (Gerald J.) Post. (Director of Defense Logistics Agency) por Review 58:10 Jul-Aug '78

POST EXCHANGES see ExchangesPOSTAL SERVICE

- Beware the mail fraud. Michael Johnson. illus Sol-diers 33:27-31 Nov '78
- Check new postal regs before mailing parcels. TIG Brief 30:22 Jul 21 '78
- 15-oz mail limit put on overseas retirees. AF Times 39:8 Jul 31 '78
- Handful mail baggage o'seas (in year-long test of mailing unaccompanied baggage to Okinawa). Len Famiglietti. AF Times 38:4 Feb 13 '78
- Suspect mail policy will end April 30. AF Times 38:44 Apr 24 '78
- Transmission of NATO classified material. TIG Brief 30:9 Aug 25 '78
- Transporting gear by mail a flop. Len Famiglietti. AF Times 39:3 Sep 11 '78
- Using the mail. TIG Brief 30:22 Sep 8 '78

History

- Development of the transcontinental air service. R.E.G.Davies. illus maps Am Avn Hist Soc J 23:60-71 Spring '78; pt 2, 23:82-89 Summer '78
- General Benjamin Foulois and the 1934 air mail disaster--the time the "can do" attitude failed to deliver. John F.Shiner. illus Aerosp Hist 25:221-230 Dec '78
- Neither snow, nor rain, nor gloom of night. BrigGen Ross G.Hoyt, Ret. map illus AF Mag 61:58-64 Jan '78
- U.S. airmail 60 years young. Frank H.Schaufler. illus Am Avn Hist Soc J 23:196-203 Fall '78

POWER PLANTS see Nuclear Power Plants; Tanks, Military--Power PlantsPOWER RESOURCES

- Air Force Facility Energy Program. Col James R. Hawkins. illus tab AF Engrg & Svcs Qtr 19:9-10+ Feb '78
- The demand for resources--a cause for conflict. (Remarks, Iron Gate Chapter Luncheon, Air Force Assoc, New York, Dec 7, 1977) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.1:2-6 Jan '78
- Energy. E.W.Seabrook Hull. tabs Natl Def 63:36-40+ Jul-Aug '78
- Energy and the alternatives. illus Mil Engr 70:12-16 Jan-Feb '78
- Energy conservation opportunities in military construction. Milton Meckler. illus tabs Mil Engr 70:30-33 Jan-Feb '78
- Energy management in the Navy's shore establishment. RADM Donald G.Iselin. illus Mil Engr 70:8-11 Jan-Feb '78
- Energy: No magic solutions. (The Army Corps of Engineers' involvement) LtGen J.W.Morris. illus Mil Engr 70:4-7 Jan-Feb '78
- Energy resources: Revisited 1977. William B.Haidler. illus AU Rev 29:39-50 May-Jun '78

POWER RESOURCES - Continued

- The hybrid solar-electric service concept. Capt Michael A.Aimone. illus tabs Mil Engr 70:17-19 Jan-Feb '78
- Lost megawatts flow over nation's myriad spillways. David E.Lilienthal. (Reprinted from Smithsonian, Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78
- A new look at domestic petroleum resources. Betty M.Miller. illus maps tabs Mil Engr 70:86-90 Mar-Apr '78
- No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78
- The outlook for imported energy. Warren E.Burch. illus tabs Log Spectrum 12:11-15 Spring '78
- The real world of facility (NASA) energy reduction. Robert H.Curtin. illus tabs Mil Engr 70:37-39 Jan-Feb '78
- Solar power satellites: Why the push is on. illus Govt Exec 10:14-15+ Jul '78
- Using solid waste energy sources at military installations. William H.VerEecke. illus tabs Mil Engr 70:238-240 Jul-Aug '78

POWER SOURCES see

Electric Power
Nuclear Power Plants
Power Resources
Solar Energy

POWERS, Patrick W.

- Streamlining Army testing. MajGen Patrick W.Pow-ers. por Def Sys Mgt Rev 1:7-18 Winter '77

PRECISION GUIDED MUNITIONS

- Development of precision guided munitions: A field artillery point of view. Capt Joseph C.Antoniotti and William J.Krondak. illus Fld Arty J 46:24-29 Sep-Oct '78
- PGMs (Precision Guided Munitions) are changing the combat picture. Ferdinand Otto Miksche. illus Mil Rev 58:10-18 Jul '78
- Precision guided munitions. John Marriott. illus NATO's Fifteen Nations 22:114-118+ Oct-Nov '77
- TOW: Free World standard for precision. Richard Hartman. illus Elect Warfare/Def Elect 10:35-36+ Dec '78

PREFLIGHT INSPECTIONS

- Preflight preparation of armament. Col V.Gastello. Soviet Mil Rev No.11:24-25 Nov '78

PREGNANCY

- AF's interim abortion policy waiting for Hill action. Ron Sanders and Richard C.Barnard. AF Times 39:2 Oct 16 '78
- DOD walks thin line on abortions. Tom Philpott. AF Times 39:2 Sep 25 '78
- House says no on abortions. Andy Plattner. AF Times 39:8 Aug 21 '78

PREJUDICES, RACIAL see Race Relations

PREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

About preparedness. (Edited from address, American Fighter Aces Assoc, New Orleans, June 1978) Sen Barry Goldwater. AF Times 38:14+ Jul 24 '78

All-vol said harmful to U.S. readiness. AF Times 38:7 May 22 '78

The all-volunteer force: How effective for U.S. defense? Robin Beard. illus Natl Guardsman 32:6-7 Jul '78

CAB: 9.6B gallons of fuel for war. AF Times 38:27 Feb 20 '78

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No.1:48-70 '78

History of partners (ADPA and industry) in preparedness. Natl Def 62:392-394+ Mar-Apr '78

MOBDES (MOBilization DESignee) ... ready when needed. Capt Jerry R.Stringer. illus Air Reserv-ist 30:9 Oct '78

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C.Short, Jr and James M.Puckett. illus MarCor Gaz 62:26-30 Mar '78

Planning in a world of change. John C.Stetson. illus AF Mag 61:48-50 May '78

Raw materials: The difference between winning and losing. Col Wilfred L.Ebel. illus tab Army Log 10:8-11 Mar-Apr '78

PRESIDENTS--U. S.

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No.1:71-86 '78

Pro- and anti-technology presidents. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:35 Nov '78

Reporting threats against the President and other key U.S. government officials. TIG Brief 30:6 Mar 31 '78

PRESLEY, Bobby W.

AAFES Commander's goals and management philosophy. MajGen Bobby W.Presley. por Review 57:12+ Mar-Apr '78

Profit picture encourages Presley. (Excerpts from interview) MajGen Bobby Presley. por AF Times 39:24 Oct 9 '78

PRESES

Security hazards in printing classified documents. TIG Brief 30:12 Sep 22 '78

PRESSURE

Low atmospheric pressure effects on wearing soft contact lenses. Weylin G.Eng and others. illus tabs Aviation, Space & Envmt Med 49:73-75 Jan '78

Some influences of touch and pressure cues on human spatial orientation. James R.Lackner and Ashton Graybiel. illus Aviation, Space & Envmt Med 49:798-804 Jun '78

PRESSURE PATTERN FLIGHT see Navigation, Air

PRESSURE SUITS

Pilots' suits to have new valve. AF Times 38:32 Apr 24 '78

Protection against the physiological effects of positive pressure breathing. K.N.Ackles and others. illus tabs Aviation, Space & Envmt Med 49:753-758 Jun '78

PRESTIGE IN MILITARY SERVICE

Retiring (Army) Vice Chief says keep soldier in mind. Gen Walter T.Kerwin, Jr. illus Officer 54:6 Aug '78

PRINCIPLES OF WAR see Military Art and Science

PRISONERS AND PRISONS

(AF) central jail (Lowry AFB, Colo) closing doors. AF Times 38:46 Mar 27 '78

Guard on call (over Wisconsin's prisons, mental health institutions, juvenile correctional institutions and the Wisconsin Veterans' Home and Hospital, 1977). Maj David A.Zweifel. illus Soldiers 33:21-23 Jun '78

Wisconsin Guard handled a hot potato (at Waupun State Prison), earned widespread praise. Neal R. Peirce. Natl Guardsman 32:24-25 Jun '78

PRISONERS OF WAR

See also

Vietnamese Conflict, 1957-1975--Prisoners of War

Code of Conduct

The Code of Conduct. Robert K.Ruhl. illus Airman 22:20-27 May '78

Factors involved in a review of the Code of Conduct for the Armed Forces. Harold L.Hitchens. illus Nav War Col Rev 30:47-70 Winter '78

See also

Rehabilitation

PRIVACY, RIGHT OF

Balancing the public's right to know with the individual's right to privacy. Gwendolyn R.Rhoads. illus MarCor Gaz 62:49-54 Jun '78

Freedom of Information/Privacy Act requests for AFOSI reports. TIG Brief 30:9 Jan 6 '78

A matter of freedom and privacy. Bruce Callander. AF Times 38:18 May 1 '78

Privacy assured for people getting drug or drink help. AF Times 39:25 Oct 16 '78

Unauthorized disclosure of drug and alcohol abuse rehabilitation information. TIG Brief 30:15 Nov 3 '78

PROBLEM SOLVING

Base level management plan: A systematic approach to managing, analysis and problem solving. Maj Robert J.Courter, Jr. illus AF Engrg & Svcs Qtr 19:2-5+ May '78

Climatological assistance from the USAF Environmental Technical Applications Center. TIG Brief 30:22 May 12 '78

PROBLEM SOLVING - Continued

Do look back. MajGen John W. Huston. TIG Brief 30:1-2 May 12 '78

The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. illus tab Log Spectrum 12:16-22 Spring '78

Overcoming 'company grade mentality.' LtCol Jerry W. Betts. illus Army Log 10:30-32 Mar-Apr '78

A technique for managers to stay informed. TIG Brief 30:17 Apr 14 '78

PROCUREMENTSee also

Purchasing
Weapons Procurement

Air Force--U.S.

Controlling new parts proliferation. TIG Brief 30:12 Jan 20 '78

How AF Systems Command tackles the future. C.W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

Nonpayment of fuel and services billings for transient aircraft. TIG Brief 30:21 Aug 25 '78

Software acquisition within Air Force Systems Command--a management approach. LtCol John J. Marciniak. illus tab Def Sys Mgt Rev 1:32-39 Summer '78

When you've got \$40M to spend: Nellis (AFB, Nev) procurement. AF Times 38:40 Feb 20 '78

Armed Forces--U.S.

Managing the procurement function. LtCol Charles R. Henry. tab Army Log 10:36-39 Sep-Oct '78

New DOD program to probe fraud. AF Times 39:30 Aug 21 '78

Offshore procurement outlined. Review 57:14 May-Jun '78

Update on military meat procurement. (Interview with Col Bruce E. Patterson) Review 57:26+ Jan-Feb '78

Laws and Regulations

The government supply warranty: Its nature and effect. Maj John P. Palochak. AF Law Rev 19, No. 4:383-412 '78

Army--U.S.

Army acquisition policy and national security. LtGen Howard H. Cooksey, Ret. tabs Army Log 10:2-5 Jan-Feb '78

A new control system for Army procurement appropriations: Looking forward in financial management. LtCol Steven G. West. illus map Def Mgt J 14:10-15 Jan '78

Defense Dept--U.S.

The FY 1979-1983 defense program: Issues and trends. Lawrence J. Korb. tabs AEI Def Rev 2, No. 2: entire issue '78

PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

Should Defense managers discount future costs? CDR Rolf H. Clark. illus Def Mgt J 14:12-17 Mar '78

Stretching procurement dollars. (DOD Precious Metals Recovery Program (PMRP)) tab TIG Brief 30:10 Aug 25 '78

Tapping the commercial marketplace. Richard A. Stimson. illus Def Mgt J 14:32-38 Jul '78

Using commercial buying practices isn't as easy as it sounds. illus Govt Exec 10:12+ Apr '78

Energy Dept--U.S.

What makes procurement unique at the Energy Department. Interview. Michael J. Tashjian. illus Govt Exec 10:13-17 Jan '78

Navy--Iran

Building a Navy in a hurry (in Iran). LCDR Thomas F. Green. illus map tab US Nav Inst Proc 104:41-49 Jan '78

Navy--U.S.

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

Software reliability by design: A critical need. W. J. Willoughby. illus Def Sys Mgt Rev 1:59-70 Summer '78

United States

Business & government: The targets are really the same. (Interview with Raymond H. Herzog) illus Govt Exec 10:13-15 May '78

DOD should share its experience in life cycle costing. Gary W. Hart. illus Def Mgt J 14:16-18 Jan '78

Mil com use of space--lease/buy. (Convention panel, AFCEA, Washington, June 20-22, 1978) Donald M. Jansky and others. illus Signal 32:61-66 Aug '78

Multiple awarding: A view from the states. Willis Holding, Jr. Govt Exec 10:35-37 Apr '78

Procurement & grants management: New opportunities for career growth. (Federal Acquisition Institute) illus Govt Exec 10:23+ Jun '78

PRODUCTION see IndustryPROFESSIONAL MILITARY EDUCATION see Staff CollegesPROFESSIONAL READING

Air defense of the ground forces: A Soviet historical perspective. Col Daniel K. Malone. illus Air Def Mag, pp 8-13, Apr-Jun '78

Suggestions for a reading list. Francis M. Casey. MarCor Gaz 62:20-23 Jun '78

PROFESSIONALISMSee also

Military Service as a Profession

PROFESSIONALISM - Continued

- Are professionalism and integrity only a myth? LtCol Raymond F. Hamel. illus AU Rev 29:60-67 May-Jun '78
- The Certified Professional Logistician in SOLE. Benjamin S. Blanchard. illus tabs Log Spectrum 12: 11-15 Fall '78
- The challenge of directing a professional staff: Leadership and management insights for the staff judge advocate. Maj Daniel J. Gallington. tabs AF Law Rev 20, No. 1:1-21 '78
- Command authority and professionalism. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104: 26-32 Aug '78
- The edge in the strategic balance. LtGen Richard L. Lawson. illus Combat Crew 28:2-3+ Aug '78
- Fort Apache or executive suite? The U.S. Army enters the 1980's. LtCol Donald B. Vought, Ret and Capt John C. Binkley. illus Parameters 8: 21-34 Jun '78
- Guidance on statements by Defense officials. (Excerpt from address, West Point, June 8, 1977) Clifford L. Alexander, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:36-37 Mar '78
- Mark of a pro (Expert Field Medical Badge, EFMB). MSgt Bruce N. Bant. illus Soldiers 33:6-9 Apr '78
- NCO professionalism--a straw man. SMSgt Roger P. Schneider. illus AU Rev 29:73-76 Jul-Aug '78
- Nonsense, common sense, and the professional NCO. SMSgt George H. Day. illus tabs AU Rev 29:66-72 Jul-Aug '78
- OPMS (Officer Personnel Management System): Demise of the whole officer concept. Capt Philip O. Benham, Jr. illus Mil Rev 58:67-72 Jun '78
- Passing the P.E. (Professional Engineer) exam the first time. John D. Constance. illus Mil Engr 70: 408-411 Nov-Dec '78
- Professionalism. LtCol Charles L. Pocock, Jr. illus Aerosp Safety 34:10-11 Dec '78
- Professionalism--a broader perspective. CDR Stephen B. Sloane. illus Nav War Col Rev 30:42-57 Spring '78
- Professionalism in transition: The officer corps in the age of deterrence. LtCol Thomas A. Fabyanic. AU Rev 29:38-45 Sep-Oct '78
- Professionalism: The guardian of social order. (Remarks, Wayne County Bar Assoc, Goldsboro, NC, May 5, 1978) BrigGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:15-19 Jul '78
- When ethic codes clash: Absolute vs situational. LtCol Ernest L. Webb. Army 28:31-33 Mar '78
- Woman power. illus Air Reservist 29:12-18 Nov '77

PROFICIENCY PAY

- Many instructors due pro pay boost. Bruce Callander. AF Times 38:2 Apr 10 '78

PROGRAM PLANNING

- Initial Operational Capability (IOC) date. TIG Brief 30:19 Mar 3 '78

PROGRAM PLANNING - Continued

- Integrating workload planning with budgeting and accounting. Arthur J. Martin and Harriet S. Hughes. illus Armed Forces Compt 23:20-22 Nov '78
- Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78
- 1978 NATO summit meeting (Washington, May 30-31, 1978). Charles DeVore. Signal 32:36 Jul '78
- Optimizing space vehicle test programs. George J. Gleghorn. illus Def Sys Mgt Rev 1:51-58 Winter '77
- Product liability. LtCol Robert B. Machen. illus Def Sys Mgt Rev 1:162-164 Winter '77
- Program planning. TIG Brief 30:5 Apr 28 '78
- Responsibility for followup. TIG Brief 30:9 Mar 17 '78
- Toward more effective implementation of specification tailoring. Warren E. Mathews. illus Def Sys Mgt Rev 1:15-22 Autumn '78
- The two-tier matrix organization in project management. William C. Wall, Jr. illus Def Sys Mgt Rev 1:37-46 Autumn '78

PROJECT

- See also
Space Project

BETA

- BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No. 8:1275-1276 '78

Checkmate

- Readiness: Project Checkmate. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Sep '78

Crossfeed

- (Project) Crossfeed: Closing military, civilian 'gap.' Randy Moore. AF Times 38:28 May 1 '78

Mainstream

- Plan aimed at people in dead-end jobs. Randy Moore. AF Times 38:14 May 15 '78

Palace Dollar

- Notes from the Palace Dollar team. Maj Ben Lester. illus tabs AF Compt 12:23+ Apr '78
- Notes from the Palace Dollar team. Capt Gary G. Payne. illus tabs AF Compt 12:38-39 Jan '78
- Notes from the Palace Dollar team: What lies ahead. Capt Al Yanik. illus tabs AF Compt 12:38-39 Jul '78
- The Palace Dollar team. Maj Gary Payne. illus tabs AF Compt 12:20+ Oct '78

Prime BEEF

- Prime BEEF (Base Engineering Emergency Forces). TIG Brief 30:19 Mar 31 '78
- USAF's choice ... Prime BEEF. Capt Dick Sheffield. illus Airman 22:11-15 Apr '78

PROJECT - ContinuedWild Weasel

F-4G in Wild Weasel capability. LtCol Leonard C. Ekman. illus USAF Ftr Wpns Rev, p 9, Fall '78

New Weasel aircraft will play vital role. illus Elect Warfare/Def Elect 10:75-77 Feb '78

Wild Weasels prepare to fly F-4G. illus map Elect Warfare/Def Elect 10:70-73 Feb '78

PROMOTIONAir Force--U.S.See also

Weighted Airman Promotion System

AF sees no savings in up-or-out freeze. M.L. Craver. AF Times 39:4 Aug 28 '78

Analyzing the factors in E-9 promotion story. Bruce Callander. tab AF Times 38:36+ May 15 '78

Art(icle) 15 impact on hikes clarified. AF Times 38:32 May 29 '78

Average scores for E-5 selectees. AF Times 38:6 Feb 13 '78

Background on general selections. AF Times 39:7 Dec 25 '78

Cutbacks may mean more self-training. AF Times 38:6 Mar 20 '78

E-6, E-7 promotions: Test scores make the difference. Bruce Callander. tab AF Times 38:7+ Jul 3 '78

Field-grade hikes to rise. M.L. Craver. AF Times 38:3 Apr 3 '78

Field-grade pin-on times seen staying the same. AF Times 38:2 Apr 10 '78

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

How controlled OER added up. tab AF Times 39:3 Aug 14 '78

If nonselection means exit, notice must be in writing. M.L. Craver. AF Times 38:39 May 8 '78

May quota--6000 stripes for E-4, above. Bruce Callander. AF Times 38:3 Apr 17 '78

Most say BTZ (Below-The-Zone) hikes boost reenlistments. AF Times 38:10 Mar 6 '78

(NCO) hikes for July: Everybody up! Bruce Callander. AF Times 38:1+ Jun 19 '78

O-5s in challenging jobs--policy boosts selection rate to O-6. AF Times 39:14 Dec 11 '78

Seasonal slowdown hits airman promotion quotas. AF Times 39:8 Sep 25 '78

Senior staff changes. Regular feature in issues of Air Force Magazine

Up-or-out: A perspective. LtCol Robert O. Heavner. illus AU Rev 29:54-58 Jul-Aug '78

Up-or-out freeze worries officials. AF Times 39:8 Aug 21 '78

PROMOTION - ContinuedAir Force--U.S. - Cont'd

Weapon systems officer management, my end of tour report. Maj Nolan W. Schmidt. illus tab Navigator 25:26-31 Spring '78

Statistics

819 selected for E-9 hikes. Bruce Callander. AF Times 38:3+ May 8 '78

1869 picked for E-8 hikes. AF Times 38:10+ Jun 26 '78

11,420 selected for E-5 hikes. Bruce Callander. AF Times 39:16+ Jul 31 '78

52 to get stars; a 1st for (AF) Academy. AF Times 38:14 Jan 1 '78

447 (officers) win med/dental hikes. AF Times 39:18+ Dec 11 '78

9828 selected for E-5 promotions. AF Times 38:8+ Feb 6 '78

769 temporary colonels named. M.L. Craver. tab AF Times 38:10+ Jan 30 '78

663 designated permanent O-6. AF Times 38:28+ Mar 27 '78

6000 EM due hikes Feb 1. Bruce Callander. AF Times 38:3 Jan 23 '78

6641 NCOs moving up one grade on Aug 1. AF Times 38:8 Jul 24 '78

3826 NCOs up for June promotion. Bruce Callander. AF Times 38:4 May 22 '78

3957 win promotion to major. M.L. Craver. AF Times 39:10+ Aug 7 '78

3165 picked for captain. AF Times 38:8 Mar 13 '78

3139 NCOs due hikes in March. Bruce Callander. AF Times 38:3 Feb 20 '78

2541 selected for permanent hike to major. M.L. Craver. AF Times 39:4+ Sep 4 '78

2594 NCOs getting 'Yule' hike. Bruce Callander. AF Times 39:3 Nov 20 '78

2048 selected for temporary lieutenant colonel. tab AF Times 39:18+ Oct 23 '78

Armed Forces--U.S.

Doctors' class-action suit claims promotions denied. Andy Plattner. AF Times 39:3 Oct 2 '78

"50% chance" Congress will pass new officer promotion/retention gates. tabs Armed Forces J Intl 115:9+ Aug '78

The promotion of enlisted women in the military: A research note. John Sibley Butler and Rose M. Brewer. tabs Armed Forces & Soc 4:679-688 Summer '78

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

'Up-or-out system is wrong.' (Interview with Rep Marjorie S. Holt) Andy Plattner. illus AF Times 38:22 Feb 20 '78

PROMOTION - ContinuedArmed Forces--U.S. - Cont'dStatistics

How does AF compare in speed of promotions? tabs
AF Times 38:4 May 22 '78

USAF nominates 52 new generals; Navy, 31 new admirals. Armed Forces J Intl 116:47-50 Mar '78

Army--U.S.

Infantry dominates Army's brigadier list. tabs
Armed Forces J Intl 115:12 May '78

Passed-over doctors file grievance. Jim Tice. AF
Times 38:26 Mar 6 '78

Marine Corps--U.S.

Giving everybody a fair chance is the goal of USMC
officer promotion planning. LtCol Carl A. Shaver.
tabs MarCor Gaz 62:41-45 Dec '78

President approves 1, 2-star selections. illus
MarCor Gaz 62:2+ Mar '78

Reserve Forces--Air Force--U.S.

ROPA. Air Reservist 30:10 Oct '78

Statistics

494 permanent ROPA lieutenant colonels named. AF
Times 39:26 Aug 21 '78

200 named ROPA permanent O-6s. AF Times 39:19
Dec 11 '78

PROPAGANDA

Moscow's misinformation pays off. Edgar Ulsamer.
illus AF Mag 61:88-90 Nov '78

Poisoning the ether. Col V. Zhukov. Soviet Mil Rev
No. 12:47-49 Dec '78

PROPELLANTS

Modern rocket/ramjet engine development in Europe.
R. Meller. illus tabs Intl Def Rev pt 1, Solid fuel
engines from MBB. 10:526-528 Jun '77; pt 2, Solid
fuel engines from ONERA. 10:767-769 Aug '77;
pt 3, Integrated rocket ramjets from Volvo Flyg-
motor. 11, No. 1:109-111 '78

PROPERTY, GOVERNMENT

A costly shortcut. TIG Brief 30:13-14 Dec 1 '78

Diversion of merchandise. TIG Brief 30:10 Jul 7 '78

Government property lost, damaged, or destroyed.
TIG Brief 30:19 Apr 28 '78

Paying rent for use of government property. TIG
Brief 30:17 Mar 17 '78

Proper count message. MajGen Oren E. DeHaven.
illus Army Log 10:2-5 Jul-Aug '78

Property accountability. MajGen Oren E. DeHaven.
illus Air Def Mag, pp 34-36, Oct-Dec '78

Property management. TIG Brief 30:11 Aug 25 '78

PROPERTY, GOVERNMENT - ContinuedMaintenance and Repair

O&M (Operation and Maintenance)--the heart of
(Base) Civil Engineering. Maj James G. Zody and
Martin M. Fritsch. illus tabs AF Engrg & Svcs Qtr
19:2-3+ Nov '78

PROPULSION SYSTEMSSee also

Boosters
Thrust

Hydrazine technology. tab Aerosp Intl 14:19 Aug-
Sep '78

PSYCHOLOGICAL RESEARCH

Behavior therapy and the treatment of flight phobia.
John E. Carr. tab Aviation, Space & Envmt Med
49:1115-1119 Sep '78

Common human behaviors & aviation. R. F. Gabriel.
illus tab Aerosp Safety 34:18-22 Apr '78

PSYCHOLOGICAL WARFARE

NATO's ideological sabotage. LtGen A. Shevchenko.
illus Soviet Mil Rev No. 8:40-43 Aug '78

Psychological strategy. Regular feature in some
issues of Defense & Foreign Affairs Digest

Psychological warfare. SSgt Richard D. Page. Air
Def Mag, pp 28-29, Jan-Mar '78

PSYCHOLOGYSee also

Behaviorism (Psychology)
Motivation (Psychology)

PUBLIC INFORMATION

ABM: A study in the power of public opinion. Maj R.
William Highlander. illus Army 28:39-41 Aug '78

The communicator's role in reorganization. (Re-
marks, National Chapter of the National Assoc of
Government Communicators, Washington, Dec 1,
1977) Alan K. Campbell. AF Plcy Ltr for Comdrs;
Sup No. 1:29-36 Jan '78

A corporate approach to municipal securities. Gerald
S. Schwartz. illus Govt Exec 10:40+ Dec '78

Exchange of information to promote peace. I. Ilyich-
yov. Soviet Mil Rev No. 9:53-54 Sep '78

Guidance on statements by Defense officials. (Excerpt
from address, West Point, June 8, 1977) Clifford
L. Alexander, Jr. AF Plcy Ltr for Comdrs; Sup
No. 3:36-37 Mar '78

"The Pentagon said today ..." MSgt Bruce N. Bant.
illus Soldiers 33:45-49 May '78

Unsolicited proposal: Why the nation sorely needs an
'information constitution.' Ted Lee. Govt Exec
10:56+ Nov '78

PUBLIC LANDS see Property, Government

PUBLIC OPINIONSee also

Vietnamese Conflict, 1957-1975--Public Opinion

ABM: A study in the power of public opinion. Maj R. William Highlander. illus Army 28:39-41 Aug '78

The (AF) Sergeants (Assoc's) super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus AF Times, Times Magazine sup:4-11 Jan 9 '78

But they (two congressmen with a single specialty, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. illus Army 28:24-28 Jan '78

The civil-military interface in a metropolitan community. David R. Segal and others. tabs Armed Forces & Soc 4:423-448 Spring '78

Does the Army have a future? Deterrence and civil-military relations in the post-Vietnam era. LtCol Alfred H. Paddock, Jr. illus Parameters 8:51-57 Sep '78

Feelings about CHAMPUS mixed, poll indicates. AF Times 38:6 Jan 30 '78

The military implications of public opinion. Maj Brian Mullady. illus tabs AU Rev 29:51-59 May-Jun '78

The new internationalisms. Michael Mandelbaum and William Schneider. Intl Sec 2:81-98 Winter '78

The Nuclear Non-proliferation Act of 1978. Frederick Williams and others. tab Intl Sec 3:44-66 Fall '78

The Russians aren't coming ... they're here! MajGen J. Milnor Roberts. illus Officer 54:20-23 Jun '78

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

A corporate approach to municipal securities. Gerald S. Schwartz. illus Govt Exec 10:40+ Dec '78

Air Force

AF film clips spice TV news shows. AF Times 38:24 Feb 20 '78

Speaking to the public: A responsibility we all share. TIG Brief 30:21 Sep 8 '78

Telling the Air Force story. (Speech, Public Relations Society of America, Albuquerque, NM, Dec 15, 1977) BrigGen H. J. Dalton, Jr. AF Ploy Ltr for Comdrs: Sup No. 3:24-31 Mar '78

PUBLIC RELATIONS - ContinuedArmed Forces

DOD adds 'balance' to Hollywood. AF Times 38:44 Feb 6 '78

PUBLIC UTILITIES

Don't ignore your electric bill. TIG Brief 30:6 Mar 17 '78

Managing a utility shortage--techniques that worked. Col Richard B. Kent and Rufus R. McEuen. tabs AF Engrg & Svcs Qtr 19:26-29 Nov '78

PUBLICATIONS, MILITARY

See also specific types of publications. e.g.,
Directives Regulations
Manuals Technical Orders

United States

Army pocket guides to 'destination unknown.' John H. O'Brien. illus map Army 28:32-34 Jul '78

Reading levels set to match EM skills. Len Farnigietti. tab AF Times 38:1+ Jun 5 '78

Costs

DOD "magazine empire" shrinking. tab Armed Forces J Intl 115:9 Jul '78

PUBLISHERS AND PUBLISHING

Books in the USSR. Col B. Zyryanov. Soviet Mil Rev No. 9:57-59 Sep '78

PUCCL, Joseph A.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Effective leadership in financial management. LtCol Joseph A. Puccl. por AF Compt 12:34-36 Jul '78

PUERTO RICO

North Carolina ... Puerto Rican style. (Puerto Rico ANG in Solid Shield '78) SSgt John Bunker. illus Air Reservist 30:12-13 Sep '78

The Puerto Rican military forces. Capt Shaun M. Darragh. (Condensed from Cosantoir, Sep 1977) illus Mil Rev 58:46-53 Aug '78

PURCHASING

Computerization solves Tampa Purchasing Department's problems. Karen L. Forbes. illus Govt Exec 10:34 Jan '78

QUALITY CONTROL

Accurate Time Compliance Technical Order (TCOT) reporting. TIG Brief 30:10 Mar 3 '78

Assuring quality. Maj James L. Rice. illus Army Log 10:12-13 Jan-Feb '78

Built-up roof management program. Michael R. Toriello. illus AF Engrg & Svcs Qtr 19:6-7+ Nov '78

Materiel Deficiency Report (MDR) processing. TIG Brief 30:11 Mar 31 '78

Operation Listening Post. TIG Brief 30:17 Jul 7 '78

Performance monitoring of DCS international high value leased circuits. LtCols Raymond C. Smith and Gordon W. Arbogast. illus Signal 32:15+ Apr '78

Periodic inspection of compressed breathing air. TIG Brief 30:19 Mar 31 '78

Physical configuration audit. TIG Brief 30:19 Apr 14 '78

Quality assurance specification application. TIG Brief 30:20 Dec 1 '78

Quality assurance versus quality control. Capt Gary C. Bradham. illus AF Engrg & Svcs Qtr 19:8-9 Nov '78

Quality at what price? Jerome L. Bauder. illus Def Mgt J 14:28-31 Jul '78

Quality control for technical training. TIG Brief 30:14 May 26 '78

Quality control in personal property storage. Ronald V. Claussen. illus Translog 9:6-8+ Aug '78

Quality control of Code J (commercial) carriers. TIG Brief 30:3 Oct 20 '78

Quality control--quality assurance for service contract surveillance. John J. Lieb and Capt David G. Beers. illus AF Engrg & Svcs Qtr 19:10-14 May '78

QUALITY CONTROL - Continued

Quality control: 'Why, why, who.' TIG Brief 30:20 Oct 6 '78

Reliability testing: Why we need it. Robert L. Miller. illus USA Avn Dig 24:30-32 May '78

Software quality and productivity. B. M. Knight. illus tabs Def Sys Mgt Rev 1:54-65 Autumn '78

QUARTERS ALLOWANCES

Brown backs variable BAQ in some CONUS areas. AF Times 39:1+ Dec 25 '78

Germany, Japan face COLA cuts. Richard C. Barnard. AF Times 39:3 Nov 27 '78

NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78

Partial Basic Allowance for Quarters (BAQ). TIG Brief 30:15 Feb 17 '78

Priority sought for lower ranks: Substandard housing. Ron Sanders. AF Times 38:1+ Mar 6 '78

Services trying housing-pay plans. Ron Sanders. AF Times 38:2 Mar 13 '78

7500 due partial BAQ seen not getting it. Randy Moore. AF Times 38:2 Mar 6 '78

Singles refusing quarters still draw some allowance. AF Times 38:21 Feb 13 '78

2 o'sea allowance cuts in offing. Randy Shoemaker. AF Times 39:2 Dec 11 '78

QUESTIONNAIRES see SurveysQUIGLEY, Robin L.

Women aboard ship: The Quigley commentary. Editorial. Sea Power 21:7 Aug '78

REA see Reserve Enlisted Association

RIF see Reduction in Force

ROA see Reserve Officers Association of the U.S.

ROPA see Reserve Officer Personnel Act

ROTC see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

America's apparent Africa policy. illus Govt Exec 10:47-49+ Feb '78

Can South Africa handle "one man, one vote" ... once? illus map Govt Exec 10:30-33 Jan '78

Conflict in southern Africa: A debate. Kenneth Adelman and Gerald J. Bender. Intl Sec 3:67-122 Fall '78

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

Discrimination called widespread problem. (Interview with M. Kathleen Carpenter) Tom Philpott. illus AF Times 38:30-31 May 22 '78

Economic development: The short sure road to desegregation. C.W. Borklund. illus Govt Exec 10:42+ Jun '78

Education: The long, sure road to desegregation. C.W. Borklund. illus Govt Exec 10:32+ May '78

Foredoomed regime. (Racist regime of the Republic of South Africa) M. Zenovich. Soviet Mil Rev No. 11:54-55 Nov '78

A perspective for human relations. CMSgt Willard P. Anderson, Ret and SMSgt Thomas E. Wolfe. illus AU Rev 29:74-80 Mar-Apr '78

Racist Army. Capt G. Nikolayev. Soviet Mil Rev No. 11:49-50+ Nov '78

Study and Teaching

Race relations school (Defense Race Relations Institute, Patrick AFB, Fla) focuses on DOD bias. AF Times 38:25 Apr 17 '78

Why Black development (in South Africa) will be separate or not at all. C.W. Borklund. illus Govt Exec 10:35-36+ Jul '78

RADAR

Bistatic radar may find a "sanctuary" in space. James Fawcette. illus tabs Elect Warfare/Def Elect 10:84-86+ Jan '78

FAAR (Forward Area Alerting Radar) deployment and related problems. Capt William H. Mattfeld. illus Air Def Mag, pp 30-33, Jul-Sep '78

Multifunction phased array radar: A key feature of Patriot. LtCol Eugene L. Naegele, Ret. illus Air Def Mag, pp 37-40, Oct-Dec '77

Study and Teaching

Special training in a radio subunit. Col V. Lavreichuk. Soviet Mil Rev No. 2:36-37 Feb '78

RADAR, AIRBORNE

(Advanced multimode radar for strategic bombers: Electronically-Agile Radar--EAR) Signal 32:66 Apr '78

Dive toss checks. Capt Charles Brammeier. illus map USAF Ftr Wpns Rev, pp 30-33, Spring '78

EARS (Electronically Agile Radar System) flight testing begins. illus Elect Warfare/Def Elect 10:29-30 Nov '78

F-15 "B" scope interpretation. Capt Gary L. Pahl. illus USAF Ftr Wpns Rev, pp 26-29, Spring '78

(Flying radar stations can now transmit pictures and data to ground-based TACS in Europe) Signal 32:92 Mar '78

Radar training--the digital mandate. R.A. Heartz. illus Mil Elect/Countermeasures 4:57-59+ Oct '78

SOTAS--StandOff Target Acquisition System. Col August M. Cianciolo. illus Signal 33:6-8 Oct '78

Today's fighter radars: Big changes ahead. Yves Robins. illus Aerosp Intl 14:4-6+ Oct-Nov '78

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No. 6: 865-869 '78

The USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri Sundaram. illus Intl Def Rev 11, No. 7:1113-1114 '78

Understanding DF accuracy of radar warning receivers. Stephen E. Lipsky. illus tabs Elect Warfare/Def Elect 10:65-67+ Apr '78

RADAR AIDS TO AVIATION

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

EARS (Electronically Agile Radar System) flight testing begins. illus Elect Warfare/Def Elect 10:29-30 Nov '78

(FAA's new surveillance radar) Signal 33:78 Sep '78

Jolly Green Giant's golf ball (Ground Directed Bomb System (GDBS)). Maj Davy M. Bass. illus TAC Attack 18:20-22 Feb '78

Midair collision avoidance. Capt James J. Lawrence. illus Aerosp Safety 34:9-13 Jan '78

Radar trail. Capt Gary A. Voellger. illus Navigator 25:15-19 Spring '78

RADAR COUNTERMEASURES see Electronic Countermeasures

RADAR EQUIPMENT

Air defense role for C³ simulator. illus Mil Elect/Countermeasures 4:32+ Nov '78

Avionics for the 1980s. illus Mil Elect/Countermeasures 4:20-21+ Jun '78

C³: Key challenges face military planners. James Fawcette. illus tabs Elect Warfare/Def Elect 10: 57-58+ Jun '78

Defining a ground-based radar ELINT (Electronic Intelligence) system. illus Intl Def Rev 11, No. 7: 1106-1107 '78

Dive toss checks. Capt Charles Brammeier. illus map USAF Ftr Wpns Rev, pp 30-33, Spring '78

RADAR EQUIPMENT - Continued

Eye-ball HUD: New capability added to Army helmet display. illus Elect Warfare/Def Elect 10:31-32 Aug '78

Foliage penetration radar--battlefield surveillance solution. Maj Richard A. O'Neill. illus Signal 33: 37-38+ Oct '78

Forward area alerting radar. 1stLt Manuel E. Gonzalez. illus Air Def Mag, pp 30-32, Apr-Jun '78

Israeli electronics: Hawk links and laser guidance. illus Elect Warfare/Def Elect 10:91-95 Jan '78

Large structures in space planned. illus Elect Warfare/Def Elect 10:54-55 Oct '78

Modular radar display units: Versatility in air defence and ATC applications. R. Harnisch and others. illus Interavia 33:54-57 Jan '78

Multifunction phased array radar: A key feature of Patriot. LtCol Eugene L. Naegle, Ret. illus Air Def Mag, pp 37-40, Oct-Dec '77

New eyes for the fleet. Bruce M. Hislop. illus US Nav Inst Proc 104:103-105 Feb '78

Soviet ESM (Electronic Support Measures) capabilities detailed. Richard F.J. Bush. illus Elect Warfare/Def Elect 10:60-61+ Dec '78

Soviet naval electronics: Getting set for the 'eighties. Milan Vego. illus tab Def & For Aff Dig 6, No. 11: 12-13+ '78

Soviet push radar deployment. tabs Elect Warfare/Def Elect 10:49-51 Jul '78

Soviets lag in radar signal processing. tab Elect Warfare/Def Elect 10:84-85 Jul '78

Understanding DF accuracy of radar warning receivers. Stephen E. Lipsky. illus tabs Elect Warfare/Def Elect 10:65-67+ Apr '78

Understanding low power spread spectrum radars. Gilbert R. Johnson. illus tab Elect Warfare/Def Elect 10:75-77 Nov '78

What the receiver will see. David L. Adamy. illus Mil Elect/Countermeasures 4:47-49 Oct '78

Characteristics

Disrupting the net: ECM against advanced radars. R. Kent Grover. illus tabs Signal 32:10-13 Mar '78

FAAR (Forward Area Alerting Radar) deployment and related problems. Capt William H. Mattfeld. illus Air Def Mag, pp 30-33, Jul-Sep '78

Martello--a new 3-D radar for the 1980s. Derek Wood. illus tabs Intl Def Rev 11, No. 6:889-890 '78

Rising costs stimulate the search for better ground surveillance radar. Barry Miller. illus Elect Warfare/Def Elect 10:41-42+ Feb '78

Maintenance and Repair

A mighty tall story. (Maintenance of the E-3A's radar equipment) Capt Dick Sheffield. illus Airman 22: 44-48 Oct '78

Radar maintenance in damp climate conditions. Col V. Revuka. illus Soviet Mil Rev No. 9:26-27 Sep '78

RADAR EQUIPMENT - ContinuedReliability

Disrupting the net: ECM against advanced radars. R. Kent Grover. illus tabs Signal 32:10-13 Mar '78

Martello--a new 3-D radar for the 1980s. Derek Wood. illus tabs Intl Def Rev 11, No. 6:889-890 '78

Study and Teaching

Independent training of radar operators. MajGen L. Grachyov. illus Soviet Mil Rev No. 9:23-24 Sep '78

Radar operators' accelerated training. Col V. Garnov. illus Soviet Mil Rev No. 8:21-22 Aug '78

RADAR NAVIGATION

F-15 "B" scope interpretation. Capt Gary L. Pahl. illus USAF Ftr Wpns Rev, pp 26-29, Spring '78

RADAR STATIONS

Independent training of radar operators. MajGen L. Grachyov. illus Soviet Mil Rev No. 9:23-24 Sep '78

Remote tour stateside (689th Radar Sq, Mount Hebo AFS, Oreg). Inconvenience, yes. Hardship? Not really. Marianne Lester. illus AF Times, Times Magazine sup:6-11 Sep 18 '78

RADIATIONSee also

Cosmic Rays

Effect of ozone variation on disease in Great Britain. II: Femoral neck fracture. J. F. Leach and others. tabs Aviation, Space & Envmt Med 49:1014-1018 Aug '78

Enhanced radiation warheads: Setting the record straight. S. T. Cohen. illus tab Strat Rev 6:9-17 Winter '78

Industry pushes new rad hardened microcircuits to skeptical missile planners. Richard Davis. illus tabs Elect Warfare/Def Elect 10:45-46+ Mar '78

The neutron bomb: Proceed, but with caution. Bob Carr. tabs NATO's Fifteen Nations 22:50-52+ Dec '77-Jan '78

The neutron weapon enigma. E. W. Seabrook Hull. illus tabs Natl Def 62:538-543+ May-Jun '78

Radiobiological experiment aboard the biosatellite Cosmos-690. O. G. Gizenko and others. illus tabs Aviation, Space & Envmt Med 49:42-46 Jan '78

Safety Measures

Laser systems & hazards. Maj Jack A. Labo. illus TAC Attack 18:24-25 May '78

Nuclear survival. Sgt William F. Britton. illus tabs Aerosp Safety 34:26-28 Jun '78

Otis (AFB, Mass) Pave Paws dispute resolved. AF Times 39:7 Nov 20 '78

Shielding

A closer look at thermal curtains. LtCol R. P. Patrick and Lt R. Grau. illus Combat Crew 28:26-27 Dec '78

Nuclear survival. Sgt William F. Britton. illus tabs Aerosp Safety 34:26-28 Jun '78

RADIO AIDS TO AVIATION

VHF/UHF direction-finding in air traffic control.
Franz Reinhold Huber. illus Interavia 33:146-147
Feb '78

RADIO BROADCASTING

Poisoning the ether. Col V. Zhukov. Soviet Mil Rev
No. 12:47-49 Dec '78

RADIO COMMUNICATIONS

AUTODIN via high frequency radio. Maj William A.
Barry and G.A. Ciapp. illus Signal 32:55-59 Jan '78

Airline radio communications move into the digital
era. Ivor Hughes. illus tab Interavia 33:651-654
Jul '78

Call signs, abbreviations, and mishaps. TIG Brief
30:11 Jul 7 '78

ELF (Extremely Low Frequency)--an essential com-
munications system. Dan Boyle. illus maps Intl
Def Rev 11, No. 7:1149-1151 '78

Jungle communications. Lt Steven Williams and SP
B.J. Kullerud. illus Infantry 68:38-40 Jul-Aug '78

A revolution in tactical data reporting. R.B. Pengel-
ley. illus Intl Def Rev 11, No. 4:614-616 '78

SINGGARS (Single Channel Ground and Airborne Ra-
dio Subsystem) V: Secure battlefield communica-
tions for the 1980s. R.D. Boyle. illus Intl Def Rev
10:1155-1157 Dec '77

SINGGARS (Single Channel Ground and Airborne Ra-
dio System) V: Tac radio of the '80s. illus Def &
For Aff Dig 6, No. 7:25-26 '78

Send A Message (SAM). Capts William R. Soneira and
James R. MacSwords. illus tab Armor 87:13-15
Jul-Aug '78

Stop our "good buddy" ... before he destroys us.
LtCol Dan Keenan, Ret. illus USA Avn Dig 24:27
Nov '78

Tropospheric radio communication. Col V. Kalinin.
illus Soviet Mil Rev No. 4:27-28 Apr '78

The USAF's new UHF radio--result of new procure-
ment concept. G.S. Sundaram. illus tabs Intl Def
Rev 11, No. 1:59-60 '78

United States military communications in the Philip-
pines. Col William P. Drugan. maps illus Signal
32:44-51 Feb '78

World Administrative Radio Conference--1979. LtCol
John S. Williams, Ret. illus Signal 32:15-18+
Jan '78

RADIO COUNTERMEASURES see Electronic Counter-
measures

RADIO EQUIPMENT

Air Force use of Citizens Band (CB) radio service.
TIG Brief 30:20 Jul 7 '78

Carrying the TACP's (Tactical Air Control Parties)
load. Maj B.M. Greeley. MarCor Gaz 62:20-21
May '78

Characteristics

The USAF's new UHF radio--result of new procure-
ment concept. G.S. Sundaram. illus tabs Intl Def
Rev 11, No. 1:59-60 '78

RADIO EQUIPMENT - ContinuedCosts

ELF (Extremely Low Frequency)--an essential com-
munications system. Dan Boyle. illus maps Intl
Def Rev 11, No. 7:1149-1151 '78

RADIO FREQUENCY

ELF (Extremely Low Frequency)--an essential com-
munications system. Dan Boyle. illus maps Intl
Def Rev 11, No. 7:1149-1151 '78

World Administrative Radio Conference--1979. LtCol
John S. Williams, Ret. illus Signal 32:15-18+
Jan '78

RADIO OPERATORSStatistics

(USA amateur radio population) Signal 32:112 May-
Jun '78

RADIOACTIVE FALLOUT

Nuclear survival. Sgt William F. Britton. illus tabs
Aerosp Safety 34:26-28 Jun '78

Recovering a paradise lost. (Reclamation of former
nuclear test site, Enewetak Atoll in the Marshall
Islands) TSgt David B. Drachlis. illus Airman 22:
2-8 Jul '78

RADIOACTIVITYSafety Measures

Nuclear survival. Sgt William F. Britton. illus tabs
Aerosp Safety 34:26-28 Jun '78

Safety review of nuclear power systems and minor
radioactive sources. TIG Brief 30:7 May 12 '78

RADIOLOGICAL WARFARE see Nuclear Warfare

RAGANO, Frank P.

U.S. Roland: A milestone in technology transfer.
BrigGen Frank P. Ragano. Def Mgt J 14:3-10
May '78

RAILROADSEquipmentTesting

Transportation Test Center (near Pueblo, Colo).
illus Def Trans J 34:6+ Feb '78

Maintenance and Repair

Upgrading the Northeast's Rail Corridor. Richard P.
Howell. illus map Mil Engr 70:396-401 Nov-
Dec '78

Burma

A steel bridge on the Gold and Silver Road (Burma).
Bonnie Baker Quinby and Capt G. William Quinby.
illus map Mil Engr 70:94-96 Mar-Apr '78

Russia

Railway tracks in the Siberian Taiga. (Balkal-Amur
Railway) G. Alexandrov. illus Soviet Mil Rev
No. 1:5-7 Nov '78

RAILROADS - ContinuedUnited States

Gunship crew spotlights train accident scene. illus
Officer 54:15 Mar '78

MTMC supports rail merger (Burlington and St
Louis-San Francisco Railway Co). Translog 9:
inside front cover + Jun '78

A railin' man. (AF TSgt Ronald D. Goldfeder is a
railroad enthusiast) TSgt David B. Drachlis. illus
Airman 22:26-31 Jan '78

Space age rail inspection. illus Translog 9:15-16
Jul '78

The story of the NARBW (National Association of
Railway Business Women). illus Def Trans J 34:
40-41 Feb '78

USAF railway operations (occupational). TIG Brief
30:13 Feb 17 '78

Upgrading the Northeast's Rail Corridor. Richard P.
Howell. illus map Mil Engr 70:396-401 Nov-
Dec '78

Equipment

About freight cars? UMLER (Universal Machine Lan-
guage Equipment Register) Jean B. Crawford. illus
Translog 9:6-8 Jun '78

History

Steam locomotives. Perry M. Shoemaker. illus Def
Trans J 34:6-10+ Oct '78

Workin' on the railroad. Philip R. Smith, Jr. illus
map Soldiers 33:43-45 Aug '78

RANGERS

See also
Commandos

RANKAir Force

Assigning homes by rank to continue. AF Times
38:17 Feb 13 '78

Grade relief--a year's extension. M.L. Craver. AF
Times 39:3 Sep 25 '78

Housing: Bumping ended. AF Times 38:9 Feb 6 '78

'Prestige' makes E-4 split work. AF Times 39:26
Aug 7 '78

(Sen) Nunn asks one-year grade relief. M.L. Craver.
AF Times 39:3 Sep 11 '78

Armed Forces

Assigning housing by rank criticized (by GAO). AF
Times 38:6+ Jan 16 '78

Military rank at separation and mortality. Robert J.
Kech. tabs Armed Forces & Soc 4:283-292 Win-
ter '78

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

RATIONS

Food for the Soviet soldier. Victoria Dibbern. illus
Army Log 10:18-23 Mar-Apr '78

Individual combat meal improvement. illus MarCor
Gaz 62:4 Aug '78

Space rations: The Army says "so long" to C-rations.
MSgt Matt Glasgow. illus Soldiers 33:50 Dec '78

RATLIFF, Walter B.

Air Force training in the 80's. (Remarks, National
Security Industrial Assoc, San Francisco, July 11,
1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for
Comdrs: Sup No. 10:27-32 Oct '78

READINESS COMMAND

Bold Eagle. illus Air Reservist 29:9 Dec '77-Jan '78

Brave Shield 17. LtCol Donald W. Neal. illus Combat
Crew 28:8-11 Jun '78

Cold--very, very cold: Empire Glacier '78. Nanse
Grady. illus Translog 9:2-5 Apr '78

'Downed' pilots rescued (in) emergency mission (part
of joint Readiness Command's Exercise Empire
Glacier). Jay Finegan. illus AF Times 38:28
Feb 27 '78

Electronic warfare training for reality. BrigGen
David E. Rippetoe, Jr. illus Signal 32:42-45
Mar '78

Fix snow shovels. (The Army attacks winter, 1978)
illus Army 28:20-22 Mar '78

Joint training exercise (Brave Shield XVII): "The
Guard does well." Allan R. Scholin. illus Natl
Guardman 32:4-7+ Jun '78

Neither snow nor wind nor gloom of night... illus
Air Reservist 30:12-14 Apr '78

Tactical C3: Bringing order out of chaos. F. Clifton
Berry, Jr. illus tab Armed Forces J Intl 115:
13-20+ Apr '78

READING, PROFESSIONAL see Professional Reading

READING AND BOOKS see Books and Reading

RECONNAISSANCE

The battalion scout platoon is alive and well. Capt
Marc A. King. illus tabs Armor 87:35-37 Sep-
Oct '78

Combat support. Everett D. Greinke. illus tab Signal
33:23-24+ Nov-Dec '78

Company in a recce detachment. Col L. Veselov. So-
viet Mil Rev No. 8:14-15 Aug '78

Gutting it out: If they weren't SEALs, they'd be climb-
ing Mount Everest. (SEa-Air-Land infiltration re-
connaissance teams, the Navy's commandos) Fred
Reed. illus AF Times, Times Magazine sup:6-12
Sep 4 '78

Reconnaissance. Col Yu. Chernyshov. Soviet Mil Rev
No. 9:21-22 Sep '78

Equipment

The new Cadillac Gage Commando Scout vehicle. tab
illus Intl Def Rev 11, No. 2:218-221 '78

RECONNAISSANCE, AERIALSee also

Satellites, Reconnaissance

Air Cavalry attack troop. Capt Gordon E. Sayre, Jr. tabs USA Avn Dig 24:12-19 Nov '78

Busy Observer I (Strategic Air Command missions flown in support of ocean surveillance and reconnaissance). 1stLt Milton Nielsen. illus Navigator 25:20-22 Winter '78

Conflicting concepts in Iceland, 1939: A case study. Maj Donald F. Bittner. illus Aerosp Hist 25:12-18 Mar '78

Flying the North American O-47 and the Curtiss-Wright O-52. Col Rick Glasebrook, Ret. illus tabs Aerosp Hist 25:5-11 Mar '78

High speed intelligence for the divisional commander. Patrick Meunier. illus NATO's Fifteen Nations 22: 90-91+ Oct-Nov '77

SOTAS--StandOff Target Acquisition System. Col August M. Cianciolo. illus Signal 33:6-8 Oct '78

Scouts out. BrigGen David K. Doyle and Maj William V. Chiaramonte. illus Armor 87:30-34 Sep-Oct '78

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. (Reprinted from Armor, Nov-Dec 1977) illus USA Avn Dig 24:30-36 Jan '78

Equipment

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

History

(Adrian) Warburton and PR (Photo Reconnaissance) from Malta, 1940-41. GpCapt E. A. Whiteley. illus Royal Air Forces Qtr 18:19-30 Spring '78

Study and Teaching

Aeroscout training. MajGen James C. Smith. USA Avn Dig 24:2-3 Feb '78

RECORDING INSTRUMENTSSee also

Sound Recording and Reproducing

RECORDSSee also

Correspondence, Military Forms, Military

Form switch aids SF (San Francisco) assessor. Alfred Bacci and Vic Udalloff. Govt Exec 10:56 Feb '78

Air Force

Corrections unit (Board for the Correction of Military Records) studies mistakes. AF Times 38:4 May 1 '78

Lost records of training. TIG Brief 30:22 Oct 6 '78

New (computer) coding to provide more officer file input (at Military Personnel Center). AF Times 38:4 May 15 '78

RECORDS - ContinuedAir Force - Cont'd

Training and qualification record. TIG Brief 30:15 Jul 21 '78

Unauthorized disclosure of drug and alcohol abuse rehabilitation information. TIG Brief 30:15 Nov 3 '78

Updating personnel records: It's not too early. TIG Brief 30:4 Jul 21 '78

Armed Forces

(Military) boards must tell why in all review cases. M. L. Craver. AF Times 38:4 May 1 '78

Army

Army in need of rescue, now, from own paperwork avalanche. LtGen Edward M. Flanagan, Jr. Army 28:13-14 Jul '78

The board of last resort. (Army Board for Correction of Military Records) MSgt Bruce N. Bant. tab Soldiers 33:19-21 Feb '78

Marine Corps

Balancing the public's right to know with the individual's right to privacy. Gwendolyn R. Rhoads. illus MarCor Gaz 62:49-54 Jun '78

Reserve Forces--Air Force

Air Reserve Personnel Center records go from big package to shirt pocket size. Maj Garry E. Mitchelmore. Officer 54:15-16 Jan '78

Training and qualification record. TIG Brief 30:15 Jul 21 '78

RECREATION

DYA (Dependent Youth Activities): More than kids. Janet Hake. illus Soldiers 33:43-46 Oct '78

Freedom to breathe. Capt Warren S. Lacy. illus Soldiers 33:12-16 Dec '78

MWR (Morale, Welfare and Recreation) activities face cut in tax funding. AF Times 38:35 Apr 24 '78

Where there's (Bob) Hope there's laughter. Janet Hake. illus Soldiers 33:31-33 Sep '78

RECRUITING AND ENLISTMENTSee also

Reenlistment

Air Force--U. S.

AFA stance at odds with Service (in policy paper). AF Times 39:4 Oct 2 '78

Defense says lighten up on (AF) weight regs. AF Times 39:12 Aug 14 '78

Getting what your recruiter PROMIS'ed (PROCurement Management Information System). Capt Anthony Lynn Batezel. illus AF Mag 61:76-78 Jun '78

New plan seeks science officers. AF Times 38:42 Mar 6 '78

Recruiters get break in high-cost regions. AF Times 39:13 Sep 11 '78

RECRUITING AND ENLISTMENT - ContinuedAir Force--U.S. - Cont'd

This recruiter's no dummy. (Sgt Richard Deuel uses ventriloquism to attract students to his talks) Capt Dick Sheffield. illus Airman 22:16-17 Jul '78

History

The USAF's Korean War recruiting rush and the great tent city at Lackland Air Force Base (Tex). Larry Benson. illus tab Aerosp Hist 25:61-73 Jun '78

Armed Forces--Canada

Canada's professional military: The limits of civil-ianization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

Armed Forces--U.S.

Education-for-service plan gains appeal. Richard C. Barnard. AF Times 38:3 Jul 24 '78

Enlistment fraud defense limited. (CMA ruling) AF Times 39:10 Nov 6 '78

The future of the all-volunteer force. Curtis W. Tarr. illus AU Rev 29:2-7 May-Jun '78

Hill cool on doc(tor) recruiting. AF Times 39:3 Aug 7 '78

INS (Immigration and Naturalization Service): Hun-dreds of illegal aliens enlist. AF Times 39:4 Sep 4 '78

JCS: CHAMPUS 'fallure' hurts recruiting efforts. Richard Barnard. AF Times 38:1+ May 1 '78

Managing repeat passenger traffic. LtCol Donald G. Bisgrove. Translog 9:14-15+ Sep '78

Pay to remain as is for now, Brown says. Tom Phil-pott. AF Times 39:3 Aug 28 '78

Army--U.S.

The all-volunteer Army: An update. LtGen Eugene P. Forrester. illus Army 28:10-14 Dec '78

The all-volunteer Army: Is it really working? Mel R. Jones. Natl Guardsman 32:4-8 Feb '78

Marine Corps--U.S.

The personnel campaign issue is no longer in doubt. BrigGen Bernard E. Trainor. illus MarCor Gaz 62:22-32+ Jan '78

USMC: A public institution. Interview. Gen Louis H. Wilson. illus MarCor Gaz 62:2+ Nov '78

History

Hollywood and the Marines. Lawrence Suid. illus MarCor Gaz 62:36-44 Apr '78

National Guard--Army--U.S.

Recruiting: Another view. LtCol Robert J. Rudolph. Natl Guardsman 32:26+ Jun '78

Recruiting at the unit level. (Interview with Capt Robert E. Harris) 1stLt Peter D. Fox. illus Natl Guardsman 32:14-17 Feb '78

RECRUITING AND ENLISTMENT - ContinuedNavy--U.S.

Information engineering: Navy recruitment productiv-ity raised through word processing. illus Govt Exec 10:41-42 Aug '78

Reserve Forces--Air Force--U.S.

'More for the buck.' SMSgt Gerald H. Smith. illus Air Reservist 31:16 Nov '78

Reserve Forces--Army--U.S.

Declining strength threatens Guard/Reserve readi-ness. Col Wilford D. McGlasson, Ret. tab illus Natl Guardsman 32:9-13 Feb '78

Leadership of Army involved in solving Reserve problems. (Address, Army Section luncheon, ROA Mid-Winter Conference, Washington, Feb 22-24, 1978) Clifford L. Alexander, Jr. illus Officer 56:11 May '78

Reserve Forces--Marine Corps--U.S.

Jacksonville's 'Iron Gators' show how to recruit Re-servists. LtCol J.H. Alexander. illus tab MarCor Gaz 62:35-42 Feb '78

Reserve Officers Training Corps--Air Force--U.S.

The big picture: The AFROTC line officer procure-ment and production process. Capt Robert D. Delongchamp. illus tabs Educ J 20:20-22 Spring '78

Helping high school counselors help you. Maj Thomas E. Koss. illus Educ J 20:13-15 Spring '78

The need for internal recruiting. Capt Paul A. Curs. illus Educ J 20:12-13 Spring '78

Recruiting--a case history. Maj Richard E. Gray. illus Educ J 20:9-12 Spring '78

RED TAPE

Army in need of rescue, now, from own paperwork avalanche. LtGen Edward M. Flanagan, Jr. Army 28:13-14 Jul '78

DC probation division cleans up in word processing through centralized dictation. Govt Exec 10:47 Mar '78

Government paperwork drowns construction industry. Eugene E. Halmos, Jr. illus Mil Engr 70:91-93 Mar-Apr '78

Government's growing isolation from business. John E. Clarke. illus Govt Exec 10:49-50 Jul '78

Munitions supply: Paperwork turmoils. TIG Brief 30:15 Mar 17 '78

Small/minority business contracting: Why govern-ment's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

REDUCTION IN FORCE

Air Force realignment of departmental headquarters. AF Ploy Ltr for Comdrs: Sup No. 7:38-40 Jul '78

Axe hangs over 5 bases. Len Famiglietti. AF Times 38:1+ May 8 '78

REDUCTION IN FORCE - Continued

FY 79 military loss to be 20,000 slots. AF Times 38:10 Feb 13 '78

Force loss of 5200 seen (all in EM ranks). tab AF Times 38:3 Feb 6 '78

Freeze may kill 1000 AF (civilian) jobs a month. AF Times 39:14 Nov 20 '78

How DOD is handling the problems of base realignment. John P. White. illus Comdrs Dig 21: entire issue Jun 1 '78

Panel (President's Commission on Military Compensation) backs EM RIF pay. Tom Philpott and Andy Plattner. AF Times 38:3 Feb 27 '78

Personnel slots in DC will be cut by 1500. M.L. Craver. AF Times 38:1+ Apr 24 '78

SecDef (Brown) would slash Navy Reserve strength. illus tab Officer 54:11-12 Mar '78

Services told: Be ready to cut civilian forces. AF Times 39:8 Aug 14 '78

REED, Walter D.

JAG scores Court (of Military Appeals) limits on discipline. Interview. MajGen Walter D. Reed. AF Times 38:25 May 15 '78

REENLISTMENTAir Force--U.S.

Careers placed 10,180 in new field since '74. Len Famiglietti. AF Times 39:6 Oct 2 '78

Delayed reenlistment program. TIG Brief 30:18 Aug 4 '78

End to regular bonus seen hurting re-ups. AF Times 38:22 Feb 27 '78

How to figure SRB. tab AF Times 39:10 Dec 4 '78

Indefinite hitch may come back. AF Times 38:8 Feb 13 '78

Lump-sum SRBs delayed until April 1. Bruce Callander. AF Times 39:1+ Nov 6 '78

Many can claim unexpected bonus. Bruce Callander. AF Times 39:1+ Sep 25 '78

Most say BTZ (Below-The-Zone) hikes boost reenlistments. AF Times 38:10 Mar 6 '78

'Reenlistment privilege, not right.' (AFR 35-16) AF Times 39:66 Aug 14 '78

Re-up bonus delay--cutting your losses. Bruce Callander. AF Times 39:1+ Oct 2 '78

Re-up irritant for EM eliminated. AF Times 38:29 Jul 24 '78

Some changes, none major, due for re-up bonuses. AF Times 39:7 Sep 18 '78

Some to pay back (skill) bonus. AF Times 38:3 Jan 1 '78

Take a break, re-up, and collect bonuses--delayed plan reinstated for 1st termers. AF Times 38:1+ Jul 24 '78

REENLISTMENT - ContinuedAir Force--U.S. - Cont'dStatistics

Re-up troubles underscored. AF Times 38:19 Jan 1 '78

Armed Forces--U.S.

Revised (DOD) Directive (1304.22) lists criteria for SRB. AF Times 39:18 Nov 27 '78

You may want (reenlistment bonus in) lump sum, but Hill doesn't. AF Times 39:21 Aug 14 '78

Navy--U.S.

A solution to retention: The open-ended enlistment. CAPT James D. Elliott. illus US Nav Inst Proc 104:44-52 Jun '78

Reserve Forces--Armed Forces--U.S.

Reserve bonuses available by December. AF Times 39:24 Nov 20 '78

REFUELING see In-Flight Refueling

also subdivision under specific subjects, e.g.,
Airplanes--Refueling; Airplanes, Military--Refueling;
Helicopters, Military--Refueling

REFUGEESSee also

Vietnamese Conflict, 1957-1975--Refugees

REFUSE AND REFUSE DISPOSAL

Attacking litter through the structure works. John A. Upton. illus Govt Exec 10:37-38+ Jun '78

A case for mandatory certification (for wastewater treatment). SMSgt Hermie Corns. illus AF Engrg & Svcs Qtr 19:30-32 Feb '78

Emergency debris removal at Mud Mountain Dam (Enumclaw, Wash). Henry N. Nakagawa. illus Mil Engr 70:100-102 Mar-Apr '78

Guidelines for defining and disposing of medical waste. Frances S. Norris and B.G. Young. Aviation, Space & Envt Med 49:81-85 Jan '78

Help for reducing refuse management costs. Capt Robert F. Olfenbuttel. illus map AF Engrg & Svcs Qtr 19:30-32 Nov '78

Lawton (Okla) advanced wastewater treatment plant. John M. Baker. illus tab Mil Engr 70:78-81 Mar-Apr '78

Using solid waste energy sources at military installations. William H. VerEecke. illus tabs Mil Engr 70:238-240 Jul-Aug '78

REGULATIONSAir Force

Assignment regs recapped (in AFR 39-11). AF Times 38:50 Jul 10 '78

Civilian standards (AFR 40-735). TIG Brief 30:19 Aug 4 '78

Drug reg (AFR 30-2) to weed out marginal users. AF Times 38:16 Apr 10 '78

REGULATIONS - ContinuedAir Force - Cont'd

Employee-Management Policy (AFR 40-701). TIG Brief 30:20 Aug 4 '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

Improper handling of classified material can cause you problems. TIG Brief 30:5 Sep 8 '78

Loyalty and you. TIG Brief 30:3 Sep 22 '78

Nuclear weapon systems safety design and evaluation criteria (AFR 122-10). TIG Brief 30:6 Aug 25 '78

Reg (AFR 30-27) bans smoking in many areas. Ron Sanders. AF Times 38:1+ Apr 3 '78

Reliability suspension (AFR 35-99) not a disqualifier. Ron Sanders. AF Times 38:4 May 22 '78

Safety gear for bikers OK'd by (AF) Uniform Board. illus AF Times 38:10 Jul 24 '78

REHABILITATION

The word is challenge. Josephine C. Walker. illus Soldiers 33:23-25 Oct '78

RELIABILITY

See also subdivision under specific subjects, e.g.,

Airplanes, Military--Reliability
Electronic Equipment--Reliability
Radar Equipment--Reliability
Weapon Systems--Reliability

Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78

How DOD can stretch the maintenance and logistic dollar with PRAM (Pragmatic, Reliability, Availability and Maintainability). Floyd H. Trogon. illus Comdrs Dig 21: entire issue Jan 12 '78

How to live with reliability engineers. George Feineman. illus tab Log Spectrum 12:34-37 Spring '78

Reliability centered armor maintenance. Capt Donald B. Skipper. illus Armor 87:57-59 Jul-Aug '78

Reliability improvement warranties and combat readiness. Gen Bryce Poe II. TIG Brief 30:1 Mar 3 '78

Reliability Improvement Warranty (RIW). TIG Brief 30:20 Mar 31 '78

Reliability testing: Why we need it. Robert L. Miller. illus USA Avn Dig 24:30-32 May '78

Turning problems into success: The saga of Navy's standard computer (Sperry Univac UYK-20). F. Clifton Berry, Jr. Armed Forces J Intl 115:9 Apr '78

Terminology

Air Force standard R&M (Reliability and Maintainability) terminology. TIG Brief 30:8 Sep 8 '78

RELIABILITY, HUMAN see Human Reliability

RELIGION AND RELIGIONS

Behold the man! (Officer-scientists at AF Academy are researching the Shroud of Turin) Robert K. Ruhl. illus Airman 22:14-18 May '78

Christianity v militarism. Army Qtr 108:47-61 Jan '78

Opening the doors to new religions. Interview. RADM John J. O'Connor. AF Times 39:1+ Oct 23 '78

Saint Barbara. MajGen Herbert G. Sparrow, Ret. illus Fld Arty J 46:34-36 Nov-Dec '78

RELIGION IN THE ARMED FORCES

The Air Force chaplain's role: Functioning in two institutions. Ch(Col) Mack C. Branham, Jr. illus AU Rev 29:49-53 Jul-Aug '78

Circuit rider (Ch(Capt) Robert F. Johnston) serves remote Alaska sites. TSgt Joe Cardoza. illus AF Times 38:44 Mar 20 '78

Religious groups wary of ban (on unionization of the Armed Forces). Richard C. Barnard. AF Times 39:4 Nov 20 '78

REMOTE CONTROL

Kirtland (AFB, NM) crew grabs 'ideas' at 15,000 feet. John Clendenin. AF Times 39:27 Sep 11 '78

REMOTE-ISOLATED DUTY

Circuit rider (Ch(Capt) Robert F. Johnston) serves remote Alaska sites. TSgt Joe Cardoza. illus AF Times 38:44 Mar 20 '78

One man is an island. (Only one military person is assigned to Grand Bahama Island Auxiliary Airfield) Capt Dick Sheffield. illus Airman 22:16-19 Jan '78

The Range Riders. (Repairmen fly aboard the C-5 on remote missions) Sgt Jim Katzaman. illus Airman 22:39-43 Nov '78

Remote assignments continue to decline. tab AF Engrg & Svcs Qtr 19:22-24 Nov '78

Remote tour stateside (689th Radar Sq, Mount Hebo AFS, Oreg). Inconvenience, yes. Hardship? Not really. Marianne Lester. illus AF Times, Times Magazine sup:6-11 Sep 18 '78

REMOTELY PILOTED VEHICLESSee also

Drones

British remotely-piloted helicopter progress. illus Intl Def Rev 10:1087 Dec '77

Gallery of USAF weapons: Remotely Piloted Vehicles (RPVs). illus AF Mag 61:130 May '78

Moving land target system (for A-10 strafing tactics training). illus Remotely Piloted Mag 6:14+ Jan '78

RPVs are fearless. Maj Joe Tillman. illus AF Mag 61:50-54 Apr '78

Synopsis: Session III panel discussion. (NARPV '77 4th Annual Symposium, Washington, 7 June 1977) illus Remotely Piloted Mag 6:10-11+ Jan '78

REMOTELY PILOTED VEHICLES - Continued

To the cruise missile: RPV application of Tomahawk cruise missile. Robert A. Lynch and others. illus Remotely Piloted Mag 6:5-6+ Jan '78

History

RPVs are fearless. Maj Joe Tillman. illus AF Mag 61:50-54 Apr '78

REPAIR see Maintenance and Repair

REPORT WRITING

Combined mishap and category I materiel deficiency reports. (AFR 127-4) TIG Brief 30:5 Mar 31 '78

Hazardous Air Traffic Report (HATR) Program. TIG Brief 30:7 Apr 14 '78

Hazardous air traffic reports. TIG Brief 30:5 Nov 17 '78

Investigating and reporting USAF mishaps (AFR 127-4). TIG Brief 30:5 Oct 20 '78

Reporting aircraft mission capability. TIG Brief 30:14 Jun 23 '78

Reporting MDRs (Material Deficiency Reports). TIG Brief 30:15 Dec 15 '78

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 30:19 Mar 3 '78

Thorough mishap investigations do not have to generate thick reports. TIG Brief 30:7 Jul 7 '78

Waivers to mishap formal reporting requirements. TIG Brief 30:6 Jan 6 '78

REPORTERS AND REPORTING

It takes more than talent to cover a war. (Training the military reporter) Col William V. Kennedy. illus Army 28:23-26 Jul '78

"The Pentagon said today ..." MSgt Bruce N. Bant. illus Soldiers 33:45-49 May '78

REPTILES

Snakebite ... ho hum. Capt Howard R. Allen. illus Aerosp Safety 34:6-7 Feb '78

REPUBLIC OF SOUTH AFRICA see South Africa (Republic)

RESCUE WORKSee also

Air Retrieval and Recovery Systems
Airplanes in Rescue Work
Helicopters in Rescue Work
Search and Rescue

AARS '77 mark: 618 saved. AF Times 38:34 Jan 30 '78

997th Arizona National Guard, Sgt Phil Andrews. illus USA Avn Dig 24:7-9 Oct '78

The blizzard of '78: Guardsmen aid battle for survival in 21 storm-battered northeastern states. illus Natl Guardsman 32:2-13+ Apr '78

Rescue One. SP4 John Carter. illus Soldiers 33:46-47 Aug '78

RESCUE WORK - Continued

The state mission (Guardsmen serve their states and communities). Sgt Phil Andrews and MSgt William Tuning. illus Natl Guardsman 32:12-14 May '78

Statistics

Aerospace Rescue and Recovery Service (ARRS) mission summary. TIG Brief 30:10 May 12 '78

RESEARCH see specific kinds of research, e.g.,

Aeronautical Research
Biological Research
Electronic Research
Energy Research
Environmental Protection Research
Nuclear Research
Operational Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Air Force--U. S.

AFA policy paper: Force modernization and R&D. AF Mag 61:40-43 Nov '78

Advanced composites in aerospace. (Developments at Air Force Materials Laboratory) Frank Cherry. illus Natl Def 62:474-475+ Mar-Apr '78

(Aeronautical Systems Division) Interview. LtGen George H. Sylvester. illus Mil Elect/Countermeasures 4:15+ Nov '78

Air Force R&D programs. LtGen Alton D. Slay. illus Natl Def pt 1, 62:386-389 Mar-Apr '78; pt 2, 62:551-552+ May-Jun '78

A guide to USAF's R&D facilities. AF Mag 61:158-161 May '78

How AF Systems Command tackles the future. C.W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

Military electronics in the 1980s: Air Force. (Interview with Col James D. Everett) illus Mil Elect/Countermeasures 3:26+ Dec '77-Jan '78

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

No false alarm. (AF responds to the energy crisis) Margi McGrath. illus Airman 22:9-15 Feb '78

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 30:19 Mar 3 '78

The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

RESEARCH AND DEVELOPMENT - ContinuedArmed Forces--U.S.

C³: Key challenges face military planners. James Fawcette. illus tabs Elect Warfare/Def Elect 10: 57-58+ Jun '78

The changing world of defense electronics. Bernard Conrad Cole. illus tabs Elect Warfare/Def Elect pt 1, The military and the semiconductor industry: A maturing relationship. 10:37-38+ Jun '78; pt 2, The impact of LSI microprocessors on the military. 10:73+ Jul '78; pt 3, Industry and the military: Ironing out the wrinkles. 10:75-76+ Aug '78

Defense electronics R&D roundup. Regular feature in issues of Electronic Warfare/Defense Electronics beginning with August 1978

Military Institute of the Future. Anthony L. Wermuth. illus Natl Def 63:47-49+ Sep-Oct '78

U.S. military technology: The Soviet perspective. Paul M. Kozar. AU Rev 29:66-73 Mar-Apr '78

VLSI (Very-Large-Scale Integration) in military applications. Handel H. Jones and Doug Finch. illus tabs Mil Elect/Countermeasures 4:52-54+ Nov '78

Army--U.S.

Competition speeds DIVAD (DIVision Air Defense gun system). Edward E. Berry. illus Natl Def 62:532-533+ May-Jun '78

Keeping up with Army Aviation R&D. R. Bruce Deam. illus USA Avn Dig 24:38-41 Mar '78

Land warfare developments. Charles H. McKinley. illus Natl Def 62:528-531+ May-Jun '78

Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78

Military electronics in the 1980s: Army. Gerald Green. illus Mil Elect/Countermeasures 3:34-35 Dec '77-Jan '78; Mil Rev 58:70-75 Nov '78

New developments. Regular feature in issues of National Defense

Defense Dept--U.S.

Strategic and arms control implications of laser weapons: A preliminary assessment. Barry J. Smernoff. illus tabs AU Rev 29:38-50 Jan-Feb '78

Marine Corps--U.S.

The LACH (Light Amphibious Container Handler) is an example of rapid R&D. LtCol B.J. Cauley. illus MarCor Gaz 62:62-63 Mar '78

Organization

NBC (Nuclear-Biological-Chemical) protection for our future pointmen. Majs John C. Short, Jr and James M. Puckett. illus MarCor Gaz 62:26-30 Mar '78

National Aeronautics and Space Administration--U.S.

NASA technological research: Current developments in the general aviation field. Marc Grangier. illus Interavia 33:63-65 Jan '78

RESEARCH AND DEVELOPMENT - ContinuedNavy--U.S.See also

Underwater Research

A compass for the crystal ball. John Rhea. illus Sea Power 21:31-35 Jan '78

A letter to the SecDef; SES decision pending. L. Edgar Prina. illus Sea Power 21:30-32 Nov '78

Management by objectives in a Navy R&D laboratory: A case study. P. L. Martin and others. illus Def Mgt J 14:44-51 Jan '78

Military electronics in the 1980s: Navy. Gerald Green. illus Mil Elect/Countermeasures 3:36-37 Dec '77-Jan '78

Naval warfare. William D. O'Neill. illus Natl Def 63: 26-29+ Nov-Dec '78

The Navy of the 21st century: Representative Tribble calls for 'small ship Navy' to augment 'big ship Navy.' James D. Hessman. illus Sea Power 21: 20-22 Dec '78

The Navy's R&D initiatives in advanced-testing technology. George W. Neumann and Mel E. Nunn. illus Def Mgt J 14:3-7 Sep '78

View from the top. Interview. RADM Robert Geiger. illus Mil Elect/Countermeasures 3:10+ Dec '77-Jan '78

China (People's Republic)

PRC speeding up computer development. tab Elect Warfare/Def Elect 10:71-72 Aug '78

RESEARCH CENTERS

'Avis of think tanks' (American Enterprise Institute). expands role. Bruce Covill. AF Times 38:31-32+ May 15 '78

ESG (Elektronik-System-GmbH): More than a think-tank, a link between customer and industry. illus Interavia 33:306-307 Apr '78

Guide to NASA's research centers. AF Mag 61:161 May '78

Rand assessing alcohol program. AF Times 38:12 Mar 13 '78

What is this thing called Rand? Andy Plattner. AF Times 38:26+ Feb 13 '78

RESERVATIONS, AIRPLANE see Airlines--Passenger ServiceRESERVE ENLISTED ASSOCIATION

ROA helps launch Reserve Enlisted Association. illus Officer 54:16 Nov '78

RESERVE FORCESSee also

Selected Reserve Force

Air Force--Great Britain

Reserve Forces: A panel discussion. MajGen P.C. Shapland and others. illus RUSI J for Def Studies 123:9-16 Sep '78

RESERVE FORCES - ContinuedAir Force--U.S.

AFRES wins Foullois Trophy (for operating the best flight safety program in the Air Force during 1977). LtCol Ted Oglesby. illus Aerosp Safety 34: 22-24 Sep '78

Air Force Reserve. illus tab AF Mag 61:108-109 May '78

(Air Force Reserve) 1977 ... in retrospect. MajGen Richard Bodycombe. illus Air Reservist 29:14-15 Feb '78

All the world's their stage. (Tours of duty to exotic places for Air Guardsmen and Reservists) illus Air Reservist 30:12-15 Jul '78

The BCE's role in Reserve readiness. LtCol James P. Penn. illus AF Engrg & Svcs Qtr 19:31-32 Aug '78

Canal Zone duty keeps Reserves hopping in C-130s. illus AF Times 39:40 Nov 20 '78

Deep Freeze '78. J.D. Murphy. illus Air Reservist 29:18 Mar '78

Destination ... Zaire. Art Covello. illus Air Reservist 30:23 Jul '78

Emergency in Memphis. H. Hooper Penuel. illus Air Reservist 30:7 Sep '78

'Fake wounds--real sweat!' (Largest aeromedical evacuation field training exercise ever conducted by the Air Reserve Forces) TSgt Herman Kokojan. illus Air Reservist 31:12-14 Nov '78

First decade. (AFRES celebrates its 10th anniversary) Gerald T. Cantwell. illus Air Reservist 30: 9-11 Aug '78

The fixers ... 'they know their stuff.' SMSgt Gerald H. Smith. illus Air Reservist 31:8-9 Nov '78

Good neighbor! Jim MacMaster. illus map Air Reservist 29:15 Mar '78

Gunship crew spotlights train accident scene. illus Officer 54:15 Mar '78

LOTS (Logistics Over The Shore) ALOC (Air Lines Of Communication). MSgt Gerald H. Smith. illus Air Reservist 30:10-11 Sep '78

MOBDES (MOBilization DESignee) ... ready when needed. Capt Jerry R. Stringer. illus Air Reservist 30:9 Oct '78

'More for the buck.' SMSgt Gerald H. Smith. illus Air Reservist 31:16 Nov '78

Niagara Falls unit (914th Tactical Airlift Gp) receives coveted Loening Trophy (and an Air Force Outstanding Unit Award). illus Officer 54:10 Jul '78

North Carolina ... Puerto Rican style. (Puerto Rico ANG in Solid Shield '78) SSgt John Bunker. illus Air Reservist 30:12-13 Sep '78

Operation Redoubt--'That's the key.' TSgt Weldon C. McCafferty. illus Air Reservist 30:14-15 Aug '78

Outstanding MA's (Mobilization Augmentees)--tops in their field and they can prove it. illus Air Reservist 30:6-8 Jul '78

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

Plain talk about BX privileges. illus Air Reservist 30:23 Oct '78

'Planning for the future.' MSgt Gerald H. Smith. illus Air Reservist 30:6-7 Oct '78

Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels. illus Air Reservist 29:14-15 Dec '77-Jan '78

Reforger '77 ... a starring role. Art Covello. illus Air Reservist 29:17 Dec '77-Jan '78

Reserve, ANG to get more modern planes. AF Times 38:16 Feb 27 '78

'A road map to readiness for the future.' illus Air Reservist 29:16-17 Feb '78

Rotating the Canal (Zone). (Support for USAFSO) TSgt Kenneth Peterson. illus Air Reservist 29: 12-13 Dec '77-Jan '78

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

Security police support for the Air Reserve Forces and total force readiness. TIG Brief 30:17 Jan 30 '78

'Superb airmanship.' (Maj Gale French, AFR, receives the Distinguished Flying Cross and the Koligian Trophy for 1977) illus Air Reservist 30:6 Sep '78

'Tell them you (a woman Reservist) train in England.' SSgt Anja Carr. illus Air Reservist 29:8-9 Mar '78

Tight controls now on RRPS (Ready Reinforcement Personnel Section). Officer 54:16 Jan '78

'To ride a Dragonfly.' Tom Wright. illus Air Reservist 29:10-11 Dec '77-Jan '78

'To ride a one-oh-five.' Tom Wright. illus Air Reservist 30:16-17 Jul '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

'The tough jobs we are facing.' (Excerpts from address, Air Force Assoc, Niagara Falls, NY, June 1978) John C. Stetson. illus Air Reservist 30:10-11 Jul '78

'Variety's the very spice of life': Rescue; Civil Engineering; Maintenance; Tactical fighter; Air refueling; Medical; Combat communications; Recruiting; Combat support. TSgt Steven A. Landry and others. illus Air Reservist 30:12-18 Oct '78

When Moody got bluer. (TAC adds Reserves to its maintenance, munitions, and aircrew forces at Moody AFB, Ga, in a test program) Maj Terry A. Arnold. illus Airman 22:9-13 Aug '78

Woman power. illus Air Reservist 29:12-18 Nov '77

Armed Forces--NATO

Arguments for making better use of NATO's Reservist potential. Col Rudolf Woller. illus NATO's Fifteen Nations 23:97-99 Jun-Jul '78

European mobilization: U.S. and NATO Reserves. Steven L. Canby. Armed Forces & Soc 4:227-244 Winter '78

RESERVE FORCES - ContinuedArmed Forces--NATO - Cont'd

Germany upsets U.S. in CIOR (Interallied Confederation of Reserve Officers) meet. (1978 military skills competition, Warendorf, Ger, Aug 6-12) illus AF Times 39:42 Sep 4 '78

Presentation to the Military Committee of Inter-Allied Confederation of Reserve Officers (CIOR), Nov 17, 1977) RAdm Phillip Sharp, Ret. illus NATO's Fifteen Nations 23:99-100 Jun-Jul '78

Territorial defenses: An ace in the hole for NATO. LtCol William O. Staudenmaier. illus tab Army 28:35-38 Feb '78

Armed Forces--U.S.

At last! Survivor benefits. tabs Natl Guard 32:12-15 Nov '78

Congress told Defense is apathetic to Reserves. AF Times 38:32 Mar 6 '78

European mobilization: U.S. and NATO Reserves. Steven L. Canby. Armed Forces & Soc 4:227-244 Winter '78

Hill committee (House Appropriations Committee) limits number of drills Reservists can miss. AF Times 39:22 Aug 21 '78

Hill seeks better clothing pay plan. Ron Sanders. AF Times 39:2 Nov 13 '78

Operation Total Forces Weld I. 1stLt Thomas A. Grandstaff. illus Air Def Mag, pp 24-26, Jan-Mar '78

The posture hearings: Congress turns spotlight on Guard-Reserve readiness, all-volunteer force, in annual review. Natl Guardsman 32:18-21+ Apr '78

Reserve bonuses available by December. AF Times 39:24 Nov 20 '78

Reserve shortage: Solution on way? AF Times 38:30 Mar 27 '78

Reserves under 60 can opt for SBP. AF Times 39:3 Nov 13 '78

17 key answers about job rights for Reservists. Officer 54:22 Jul '78

Stennis notes Reserves' role: Treatment of people vital. Andy Plattner. AF Times 38:4 Feb 20 '78

Army--Great Britain

Reserve Forces: A panel discussion. MajGen P.C. Shapland and others. illus RUSI J for Def Studies 123:9-16 Sep '78

Army--U.S.

The Army's Reserve Components: Ready for what? Capt John T. Fishel. illus tabs Mil Rev 58:22-35 Nov '78

A battalion commander looks at affiliation. LtCol Harlan C. Herner. illus Mil Rev 58:40-46 Oct '78

Benefits in Reserve. MSgt Bruce N. Bant. illus tabs Soldiers 33:40-42 Jun '78

Can Reserve units be ready on time? Col Irving Heymont, Ret. illus Army 28:23-26 Mar '78

Crew rest in Reserve/Guard components. J. Scott Bond. illus tab USA Avn Dig 24:11+ Aug '78

RESERVE FORCES - ContinuedArmy--U.S. - Cont'd

Declining strength threatens Guard/Reserve readiness. Col Wilford D. McGlasson, Ret. tab illus Natl Guardsman 32:9-13 Feb '78

Deputy Reserve chief gives status report (on USAR). BrigGen Russell I. Berry. illus Officer 54:7-8 Feb '78

Facing a 'crisis in confidence.' MajGen Henry Mohr. illus Army 28:74-77 Oct '78

Gen (John R.) Guthrie explains Reserve role in DARCOM. (Address, ROA Army Section, 1978 National Convention, New York) Gen John R. Guthrie. illus Officer 54:10-11 Sep '78

Improving USAR logistics support. Col Charles J. V. Fries III. illus Army Log 10:32-35 Jan-Feb '78

MTMC's other half. (5th MTMC Reserve Conference, Washington, Nov 4-5, 1978) illus Translog 9:15-18 Nov-Dec '78

Manpower losses (in Army Reserve) high but steps being taken. Officer 54:12+ Jul '78

More demanded of Reservists in readiness. (Excerpts from address, ROA Army Section, Columbus, Ohio, 1977) Gen Walter T. Kerwin, Jr. illus Officer 54:8+ Jan '78

One of a kind. (Unique units in the Army Reserve) Capt William H. Campbell. illus Soldiers 33:24-27 Jun '78

Readiness--a matter of cost. MajGen Richard A. Miller. illus Natl Guardsman 32:1+ Jan '78

Reserve health care: Ace in the hole. Capt Art House. illus Soldiers 33:36-39 Jun '78

Retention for Reserve survival. Col Daniel Gans, Ret. illus Mil Rev 58:25-33 Sep '78

Retention through intervention. LtCol Moss M. Ikeda. illus tab Mil Rev 58:63-67 Apr '78

Something for nothing. Col Herbert J. Duke, Jr, Ret. Army 28:47-48 May '78

Total Army. (Active and Reserve components) Capt Warren S. Lacy. illus Soldiers 33:15-19 Jun '78

USAREUR and the Reserve Components. LtCol William C. Mackert. illus Army Log 10:30-33 Nov-Dec '78

Vital for Army Section to help Reserve force. MajGen Richard H. Cooper. illus Officer 54:11 Jan '78

'What's right with the U.S. Army Reserve.' MajGen Henry Mohr. illus Officer 56:8+ May '78

Directories

Major Army Reserve commands. Army 28:113-114 Oct '78

Organization

Can Reserve units be ready on time? Col Irving Heymont, Ret. illus Army 28:23-26 Mar '78

RESERVE FORCES - ContinuedMarine Corps--U. S.

General Fleming takes on new Marine jobs. illus
Officer 54:13 Mar '78

Jacksonville's 'Iron Gators' show how to recruit Reservists. LtCol J.H. Alexander. illus tab MarCor
Gaz 62:35-42 Feb '78

New Marine Corps Reserve leader born on island of
Guam. illus Officer 54:9 Jun '78

Secretary (Robert T.) Connor praises Navy-Marine
Corps team. illus Officer 54:13+ Sep '78

Navy--Great Britain

Reserve Forces: A panel discussion. MajGen P.C.
Shapland and others. illus RUSI J for Def Studies
123:9-16 Sep '78

Navy--U. S.

ADM Palmer began career as Reservist. illus Officer
54:10 Oct '78

Admiral Thomas Hayward calls for stability and performance (by Naval Reserves). illus Officer 56:12
May '78

Atlantic Fleet Chief (ADM Kidd) spells out Reserve
policy. illus Officer 54:8 Jun '78

Background for the future of the U.S. Naval Reserve.
James Hessman. illus US Nav Inst Proc 104:144-
157 May '78

The Naval Reserve: Separate and unequal. LCDR
Roger W. Lyons. illus US Nav Inst Proc 104:44-51
Jul '78

Navy expects static testing of RMSD (Reserve Merchant Ship Defense) System next fall. illus Officer
54:13 Jan '78

(R)ADM (Carl) Seiberlich details personnel problems
(at ROA Service Affairs Conference, Columbus,
Ohio, 1977). RADM John B. Johnson. Officer
54:12 Feb '78

(Rear) Admiral (Paul W.) Rohrer, staunch Reserve
supporter, retiring. illus Officer 54:10 Aug '78

(Rear) Admiral (Richard) Lyon now deputy chief of
Naval Reserve. illus Officer 54:14 Jul '78

RADM (Thomas A.) Kamm tapped for Washington Reserve
job. RADM John B. Johnson. illus Officer
54:9 Aug '78

SecDef (Brown) would slash Navy Reserve strength.
illus tab Officer 54:11-12 Mar '78

Secretary (Robert T.) Connor praises Navy-Marine
Corps team. illus Officer 54:13+ Sep '78

Situation summary on TAR (Training and Administrative Reserves) officer program. Officer 54:11
Feb '78

History

Background for the future of the U.S. Naval Reserve.
James Hessman. illus US Nav Inst Proc 104:144-
157 May '78

The planes and squadrons of CVWR-30. Peter Mersky.
illus Am Avn Hist Soc J 23:168-172 Fall '78

RESERVE FORCES - ContinuedNavy--U. S. - Cont'dStatistics

(R)ADM (Carl) Seiberlich details personnel problems
(at ROA Service Affairs Conference, Columbus,
Ohio, 1977). RADM John B. Johnson. Officer
54:12 Feb '78

RESERVE FORCES POLICY BOARD

The role of DOD's Reserve Forces Policy Board.
John Slezak. illus tab Def Mgt J 14:8-11 Sep '78

RESERVE OFFICER PERSONNEL ACT

ROPA. Air Reservist 30:10 Oct '78

RESERVE OFFICERS ASSOCIATION OF THE U.S.

Compensation commission (President's Commission
on Military Compensation) learns ROA position.
Officer 54:8+ Mar '78

Minute Man of the Year, Cong Charles E. Bennett,
and what he had to say (at ROA Mid-Winter Conference,
Feb 22-24, 1978). illus Officer 54:22-23
Apr '78

NY, NY (ROA National) Convention (June 28-July 1,
1978). illus Officer 54:16-19+ Aug '78

Permanent rules for ROA Annual Convention. Officer
54:25 Jun '78

ROA helps launch Reserve Enlisted Association. illus
Officer 54:16 Nov '78

ROA National Convention 1978 (New York, June 29-
July 1). LtCol Jon Allen. illus Air Reservist 30:
16-17 Aug '78

(ROA 1978) Mid-Winter (Conference, Washington,
Feb 22-24): Highlights (and resolutions). illus Officer
54:20-25 Apr '78

ROA's mandates (adopted in National Convention and
in National Council) provide program for action.
Officer 54:28-30 Jan '78

Update on ROA Panama Canal efforts. illus Officer
54:22 Jan '78

Vital for Army Section to help Reserve force.
MajGen Richard H. Cooper. illus Officer 54:11
Jan '78

Directories

ROA directory, 1978-1979. illus Officer 54:17-24
Oct '78

RESERVE OFFICERS TRAINING CORPSAir Force

AF hoping to get 5351 new officers. M.L. Craver.
tab AF Times 38:2 Jan 16 '78

The big picture: The AFOTC line officer procurement
and production process. Capt Robert D.
Delongchamp. illus tabs Educ J 20:20-22 Spring '78

Cadet (ROTC) detachments placed on probation. AF
Times 38:10 May 8 '78

A commission in today's military. (Remarks, VPI/SU
ROTC Commissioning Ceremony, Blacksburg, Va,
June 9, 1978) MajGen Larry M. Killpack. AF Plcy
Ltr for Comdrs: Sup No. 9:24-30 Sep '78

RESERVE OFFICERS TRAINING CORPS - ContinuedAir Force - Cont'd

The great debate (final examination), LtCol William F. Corroum, illus Educ J 20:44-47 Spring '78

House panel (Appropriations Committee) cuts back on ROTC grant request, AF Times 39:7 Aug 14 '78

How the computer can help you, Capt Michael J. Mages, illus tabs Educ J 20:16-19 Spring '78

Oct pilot board to pick deferred ROTC cadets, AF Times 39:7 Jul 31 '78

183 ROTC graduates get AF commissions, tab AF Times 39:30 Oct 16 '78

Quality engineers through the ROTC program, LtCol James M. Warren, illus tabs AF Engrg & Svcs Qtr 19:33-35 Aug '78

ROTC ends extra push for Blacks--Bakke decision spinoff, Randy Moore, AF Times 39:2 Dec 4 '78

320 positions need officers, AF Times 38:7 Jun 5 '78

Armed Forces

A fusion strategy for pre-commissioning training, Roger A. Beaumont and William P. Snyder, tab J Pol & Mil Sociol 5:259-277 Fall '77

How the ROTC fares in 1978, J. Glenn Sartori, illus tabs Mil Engr 70:314-317 Sep-Oct '78

Army

Putting a "G" into ROTC: The ROTC class of 1978 has discovered the Guard--thanks to an innovative approach to an old program, Col Bruce Jacobs, illus tab Natl Guardsman 32:12-16 Jun '78

Marine Corps

MJROTC: A venture in leadership, Maj Deloris J. Johnson, illus MarCor Gaz 62:14-15 Mar '78

One answer to the great rip off, Col Martin J. Sexton, Ret, MarCor Gaz 62:16-18 Mar '78

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

Base level unit management programs, LtCol Harvey R. Elliott, illus AF Compt 12:46-47 Jul '78

Comptroller branch functions--an intersection of events, Capt R. Fitzsimmons, illus AF Compt 12:14-15+ Oct '78

Deputy Commander for Resource Management (DCRM) checklist, TIG Brief 30:20-21 Oct 20 '78

Futurism in resource management: The quest for productivity through organization effectiveness, Vincent J. Byrne, illus Armed Forces Compt 23:7-9 Nov '78

Initial Operational Capability (IOC) date, TIG Brief 30:19 Mar 3 '78

Materiel resources: Who's minding the store? TIG Brief 30:19 Nov 3 '78

The RMP (Resources, Management and Productivity) ... a system to insure control over decreasing resources, Capt P. J. Toussaint and MSgt Louis Col-lachi, illus AF Engrg & Svcs Qtr 19:34-36 May '78

RESOURCE MANAGEMENT - Continued

RMS (Resource Management System) 1977--encouraging management growth and productivity, Maj Barry D. Guyse, AU Rev 29:81-85 Sep-Oct '78

Raw materials: The difference between winning and losing, Col Wilfred L. Ebel, illus tab Army Log 10:8-11 Mar-Apr '78

Resource management (in the 379th Bomb Wing), Maj Jerry N. Steelman, illus AF Compt 12:12-13 Apr '78

Revealing errors: The double bind, TIG Brief 30:21 Dec 15 '78

Strategic logistics--the missing link, Col Edward P. Lukert, Jr, illus chart Log Spectrum 12:5-11 Summer '78

RESOURCES CONSERVATION PROGRAM

A "diamond" in the rough, (Air Force natural resource program) Capt David J. Wesley, illus AF Engrg & Svcs Qtr 19:18-21 Feb '78

RESPIRATION

Protection against the physiological effects of positive pressure breathing, K. N. Ackles and others, illus tabs Aviation, Space & Envt Med 49:753-758 Jun '78

RETENTION OF MILITARY PERSONNEL

AF battles exodus of pilots, Martha Craver and Bruce Callander, tabs AF Times 39:3 Aug 14 '78

The Air Force pilot exodus, LtGen Ira C. Eaker, Ret, AF Times 39:13-14 Oct 16 '78

Commands talk about retaining pilots--Randolph (AFB, Tex) hosts 5-day workshop, M. L. Craver, AF Times 39:3 Dec 4 '78

DOD balks at freeze on up-or-out, Andy Plattner, AF Times 39:4 Aug 14 '78

Declining strength threatens Guard/Reserve readiness, Col Wilford D. McGlasson, Ret, tab illus Natl Guardsman 32:9-13 Feb '78

Dr shortage not periling level of care, Ron Sanders, AF Times 39:3 Oct 2 '78

End to regular bonus seen hurting re-ups, AF Times 38:22 Feb 27 '78

"50% chance" Congress will pass new officer promotion/retention gates, tabs Armed Forces J Intl 115:9+ Aug '78

Flight pay boost backed: Services pit pay incentives against pilot losses, Bruce Callander, AF Times 39:3 Dec 25 '78

Jacksonville's 'Iron Gators' show how to recruit Reservists, LtCol J. H. Alexander, illus tab MarCor Gaz 62:35-42 Feb '78

Leadership and nuclear power, (Prize Essay, 1978) LT Ralph E. Chatham, illus US Nav Inst Proc 104:78-82 Jul '78

MD shortage seen reducing med services, AF Times 39:10 Dec 18 '78

Manpower losses (in Army Reserve) high but steps being taken, Officer 54:12+ Jul '78

RETENTION OF MILITARY PERSONNEL - Continued

Many MAC pilots quitting for airline jobs. AF Times 39:3 Dec 4 '78

O-5s in challenging jobs--policy boosts selection rate to O-6. AF Times 39:14 Dec 11 '78

Pay to remain as is for now, Brown says. Tom Philpott. AF Times 39:3 Aug 28 '78

Pilot exodus: An analysis. Bruce Callander. AF Times 39:1+ Dec 11 '78

Pilot exodus still growing. M.L.Craver. AF Times 39:2 Dec 18 '78

(Pilot) retention drive is on. M.L.Craver. AF Times 38:1+ Jun 26 '78

Retention for Reserve survival. Col Daniel Gans, Ret. illus Mil Rev 58:25-33 Sep '78

Retention--more flight pay: Would it work (to help stem the flow of military pilots to the airlines)? AF Times 39:3 Sep 25 '78

Retention through intervention. LtCol Moss M. Ikeda. illus tab Mil Rev 58:63-67 Apr '78

Retired pay changes hit. Tom Philpott. AF Times 39:1+ Nov 27 '78

Seven-year retention up, 10-year and 15-year off. M.L.Craver. AF Times 38:2 Apr 17 '78

A solution to retention: The open-ended enlistment. CAPT James D. Elliott. illus US Nav Inst Proc 104:44-52 Jun '78

Trained USAF, Navy pilots resigning in huge numbers. R.L.Janisch. tab Armed Forces J Intl 116:28 Oct '78

2 programs to ease technical shortages--officer recall, continuation. M.L.Craver. AF Times 38:4 Jul 17 '78

Why pilots get out. Gen T.R.Milton, Ret. AF Mag 61:138 Sep '78

Why they're leaving the Air Force. Ed Gates. illus AF Mag 61:70-73 Oct '78

RETIRED MILITARY PERSONNEL

Double standards against so-called double dippers. Sen Barry Goldwater. illus Officer 54:13+ Aug '78

Dual-comp ceiling seems assured. AF Times 39:6 Oct 16 '78

15-oz mail limit put on overseas retirees. AF Times 39:8 Jul 31 '78

General (Vernon B.) Lewis sums up the issues (on restrictive retirement laws). Armed Forces J Intl 116:18+ Oct '78

Getting out: What every wife should know about retirement. Jo Ann Wendt. illus AF Times, Times Magazine sup:4-10+ Feb 6 '78

Management of Army's retirees--RA and Reserve--now reality. Officer 54:11 Nov '78

Military/civilian retirees hurt--bill would ease 'Catch 62' situation. AF Times 38:21 Apr 3 '78

Military courtesies for retired military members. TIG Brief 30:17 Apr 28 '78

RETIRED MILITARY PERSONNEL - Continued

Panel (House Post Office and Civil Service Committee) asks change in dual-comp limit. AF Times 38:8 Jul 24 '78

Report outlining 'double dipping' not fair picture. Bruce Callander. tab AF Times 38:7 May 1 '78

The resettlement of other ranks. Edward M. Spiers. Royal Air Forces Qtr 18:154-156+ Summer '78

Retired 'Reg' officers renew fight on dual comp. M.L.Craver. AF Times 38:1+ May 29 '78

(Retiree Involvement) Program asks retirees to lend a hand. AF Times 39:16 Nov 6 '78

Retirees get med break. AF Times 38:9 Feb 13 '78

Retirees' legal restrictions and obligations. TIG Brief 30:17-18 Oct 20 '78

A story without end. (Teresa Village in Florida is for USAF enlisted widows and retired couples) Tom Dwyer. illus Airman 22:39-42 Oct '78

Summary of SBP legislation for retired military personnel. Col A.H.Humphreys. Officer 54:20-21 Dec '78

Teresa Village. (Housing facility for elderly widows of AF enlisted retirees and retired couples, Fort Walton Beach, Fla) MSgt Gerald H. Smith. illus Air Reservist 30:3 Aug '78

Trying to outguess the SBP formula. Andy Plattner. tab AF Times 39:12+ Dec 18 '78

RETIREMENT

See also
Discharges, Releases, and Separations

Air Force--U.S.

Bowing in, out. (MajGen Frank J. Simokaitis retires as Commandant of AFIT and Defense Institute of Security Assistance Management and MajGen Gerald E. Cooke assumes command of the two organizations) illus AF Times 38:26 May 15 '78

4-star exits setting (AF) record. AF Times 38:8 Mar 20 '78

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

RAPS (Retiree/Annuitant Pay System) to speed retiree pay queries. AF Times 38:12 Apr 3 '78

Retirement: EM severance pay, vesting. Bruce Callander. AF Times 39:3 Dec 18 '78

Senior staff changes. Regular feature in issues of Air Force Magazine

Up-or-out: A perspective. LtCol Robert O. Heavner. illus AU Rev 29:54-58 Jul-Aug '78

You can retire early, but it's not easy to do. M.L. Craver. AF Times 39:6 Dec 25 '78

Armed Forces--Great Britain

The resettlement of other ranks. Edward M. Spiers. Royal Air Forces Qtr 18:154-156+ Summer '78

Armed Forces--U.S.

AF, Army oppose 'trust fund' plan--retirement scheme debated. Tom Philpott. AF Times 39:4 Aug 7 '78

Alter 20-yr retirement (for military). Interview. Harold Brown. illus AF Times 38:1+ Jun 5 '78

RETIREMENT - ContinuedArmed Forces--U.S. - Cont'd

Change of command. Regular feature in issues of Command

Chiefs knock 'salary' at pay panel (President's Commission on Military Compensation) hearings. Tom Philpott. AF Times 38:4 Jan 1 '78

Commissioners (President's Commission on Military Compensation), staff, on different wave-lengths. Armed Forces J Intl 115:8-9 Jan '78

Communications hobble pay panel (President's Commission on Military Compensation). AF Times 38:3 Jan 30 '78

DOD says retirement system not working. AF Times 38:28 Mar 20 '78

DOD submits retiree plan for troops now aboard. Tom Philpott. tab AF Times 39:1+ Dec 25 '78

DOD's retirement plan: 'Grandfather everybody'--some would have a choice. Tom Philpott. tab AF Times 38:1+ Jul 17 '78

Gen Jones proposes new retirement plan. Tom Philpott. AF Times 39:1+ Dec 18 '78

Getting out: What every wife should know about retirement. Jo Ann Wendt. illus AF Times, Times Magazine sup:4-10+ Feb 6 '78

Hill report backs findings of panel (President's Commission on Military Compensation). Tom Philpott. AF Times 38:6 Jan 23 '78

House panel (Armed Services Committee) okays 3 retirement bills. AF Times 38:2 Feb 6 '78

Letters show fear of benefit loss. Andy Plattner. AF Times 38:31 Jan 9 '78

Military retirement must change. (Interview with Rep Jim Lloyd) Andy Plattner. illus AF Times 38:12 May 1 '78

More retirement plans hatched at Pentagon. AF Times 39:3 Sep 18 '78

Panel (President's Commission on Military Compensation) backs EM RIF pay. Tom Philpott and Andy Plattner. AF Times 38:3 Feb 27 '78

Panel (President's Commission on Military Compensation): End 20-year outs. Tom Philpott. AF Times 38:3 Jan 16 '78

Pay panel (President's Commission on Military Compensation) considers six retirement plans. Tom Philpott. AF Times 38:6 Jan 9 '78

Pay proposals (recommended by President's Commission on Military Compensation) precisely as predicted. tabs Armed Forces J Intl 115:6 Apr '78

'Players' and staffers: Get your scorecard. Andy Plattner. AF Times 38:24 Jan 16 '78

Retired pay changes hit. Tom Philpott. AF Times 39:1+ Nov 27 '78

Retirement change irks (military) associations. Tom Philpott. AF Times 38:2 Apr 24 '78

A retirement compromise (between the trust fund proposed by the President's Commission on Military Compensation (backed by the Navy) and the two-tier retirement plan (backed by the Army and the Air Force) Services can 'live with.' Tom Philpott. AF Times 39:1+ Oct 9 '78

RETIREMENT - ContinuedArmed Forces--U.S. - Cont'd

Retirement: DOD favors two-tier plan paying 35 percent after 20 years. AF Times 39:3 Dec 18 '78

Retirement plans: Trust-fund collapses under opposition. AF Times 39:4 Dec 11 '78

Retirement supplement. AF Times 38:32p sup opposite p 28 Feb 27 '78; 38:24p sup opposite p 28 Jul 17 '78; 39:32p sup opposite p 38, Nov 20 '78

Senate defeats attack on pensions, comstores. AF Times 38:3 May 8 '78

(Sen John) Stennis: Control costs (of retirement system); (John P.) White: Complex issue. Andy Plattner. AF Times 38:3 Apr 3 '78

Services agonize over retirement. AF Times 38:6 Jan 23 '78

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Summary of possible retirement options. AF Times 39:4 Nov 27 '78

3 main parts to plan Pay Panel proposes--retirement overhaul. AF Times 38:6 Mar 6 '78

Three retirement proposals. Andy Plattner. tab AF Times 38:18+ Jan 1 '78

20-yr exit: Pentagon split. Tom Philpott. illus AF Times 38:3-4 Jan 30 '78

Coast Guard--U.S.

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. illus Officer 54:8 Jul '78

Marine Corps--U.S.

Retirement, reassignments (of Marine general officers). MarCor Gaz 62:4 Mar '78

Navy--U.S.

(Rear) Admiral (Paul W.) Rohrer, staunch Reserve supporter, retiring. illus Officer 54:10 Aug '78

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. illus Officer 54:8 Jul '78

Reserve Forces--Air Force--U.S.

Facts and myths about retirement. Maj Garry E. Mitchelmore. illus Air Reservist 30:11 Oct '78

RETIREMENT FROM BUSINESS, ETC

Age 70 retirement ends for civilians. AF Times 38:10 May 8 '78

70 this summer? No need to retire. AF Times 38:13 Jul 3 '78

RETIREMENT PAY

AF questions pay panel (President's Commission on Military Compensation) plan. Bruce Callander. AF Times 38:3 May 15 '78

Administration considers 'annual' retired COL hike. AF Times 38:4 Jan 30 '78

RETIREMENT PAY - Continued

Alter 20-yr retirement (for military). Interview. Harold Brown. illus AF Times 38:1+ Jun 5 '78

CPI (Consumer Price Index) change asked. AF Times 38:11 Feb 27 '78

Carter may try to hold CPI raises to one a year. AF Times 39:4 Dec 11 '78

A close look at SBP issues. Andy Plattner. AF Times 39:10 Dec 11 '78

Commissioners (President's Commission on Military Compensation), staff, on different wave-lengths. Armed Forces J Intl 115:8-9 Jan '78

DOD, in shift, plans to fight recomp. AF Times 38:3 Apr 17 '78

DOD proposes trust fund for retirement. AF Times 38:22 Jan 23 '78

DOD submits retiree plan for troops now aboard. Tom Philpott. tab AF Times 39:1+ Dec 25 '78

Double dipping and double standards. James D. Hessman. Sea Power 21:37-38 May '78

Double standards against so-called double dippers. Sen Barry Goldwater. illus Officer 54:13+ Aug '78

Ex-spouses may win claim on retired pay--bill launched in House. AF Times 38:2 Mar 20 '78

Gen Jones proposes new retirement plan. Tom Philpott. AF Times 39:1+ Dec 18 '78

Letters show fear of benefit loss. Andy Plattner. AF Times 38:31 Jan 9 '78

Military/civilian retirees hurt--bill would ease 'Catch 62' situation. AF Times 38:21 Apr 3 '78

Move would delay cut in jobless pay. AF Times 39:6 Aug 21 '78

New dual comp exempts some. AF Times 39:8 Nov 13 '78

New Social Security regs will lower some benefits. AF Times 39:21 Aug 28 '78

Panel (President's Commission on Military Compensation) backs complex pay package. Tom Philpott. AF Times 38:3-4 Mar 13 '78

Panel (President's Commission on Military Compensation): End 20-year outs. Tom Philpott. AF Times 38:3 Jan 16 '78

Pay commission (President's Commission on Military Compensation) ignores EM's plight, NCOA says. AF Times 38:3 Mar 13 '78

Pay panel (President's Commission on Military Compensation) considers six retirement plans. Tom Philpott. AF Times 38:6 Jan 9 '78

Pay proposals (recommended by President's Commission on Military Compensation) precisely as predicted. tabs Armed Forces J Intl 115:6 Apr '78

President's Commission eyes pay, retirement. Eric C. Ludvigsen. illus Army 28:29-31+ May '78

RAPS (Retiree/Annuitant Pay System) to speed retiree pay queries. AF Times 38:12 Apr 3 '78

RETIREMENT PAY - Continued

Retired officer income takes bigger dip than does EM's. Tom Philpott. AF Times 38:4 May 15 '78

Retired pay (can't be attached) as property. AF Times 38:3 May 29 '78

Retired pay changes hit. Tom Philpott. AF Times 39:1+ Nov 27 '78

Retired pay to increase by 4.9 percent. AF Times 39:4 Aug 7 '78

'Retired question': No simple answer. Bruce Callander. AF Times 39:14 Aug 28 '78

Retiree pay limit not bad after all. AF Times 39:4 Sep 25 '78

Retirement: DOD favors two-tier plan paying 35 percent after 20 years. AF Times 39:3 Dec 18 '78

Retirement plans: Trust-fund collapses under opposition. AF Times 39:4 Dec 11 '78

Retirement system: How Services stand; Main points of Pay Panel's proposals; What it's like today. tabs AF Times 38:16+ Jun 19 '78

Retirement value sliding steadily. AF Times 39:3 Jul 31 '78

Rules tightened on (disability) retirement (of general and flag officers). AF Times 38:4 Jun 12 '78

Summary of possible retirement options. AF Times 39:4 Nov 27 '78

Vesting: Most would opt for lump sum. AF Times 38:10 Feb 27 '78

Which CPI will be used in annuity hikes? AF Times 38:11 Mar 13 '78

RETRAINING PROGRAMAir Force

Careers placed 10, 180 in new field since '74. Len Famiglietti. AF Times 39:6 Oct 2 '78

Computer to provide up-to-date job data. Len Famiglietti. AF Times 38:6 Mar 20 '78

E-6 through 9 sought for shortage retraining. AF Times 38:43 May 1 '78

Some in personnel should be looking for new jobs. AF Times 38:7 Jun 5 '78

Unclassifieds: Retraining emphasized. AF Times 39:20 Dec 18 '78

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

Where an Army came of age: Winter at Valley Forge. Col John B.B. Trussell, Jr. Ret. illus Army 28: 14-17+ Jan '78

REVOLUTIONS

Angola, national liberation, and the Soviet Union. Daniel S. Papp. illus Parameters 8:26-39 Mar '78

Civilian rule and the coup d'etat: The case of Busia's Ghana. Simon Baynham. RUSI J for Def Studies 123:27-33 Sep '78

REVOLUTIONS - Continued

Coup. Paul L. Moorcraft. illus Army 28:16-19 Jul '78

The Cuban theory of revolutionary war: The faith, the fallacies, and the heresy. Kenneth O. Fox. RUSI J for Def Studies 122:35-40 Dec '77

1965 intervention in Dominican Republic: A successful military power application? Maj James K. McCollum, Ret. illus map Officer 54:16-18 Jul '78

The October Revolution and the national-liberation movement. A. Iskenderov. illus Soviet Mil Rev No.10:8-10 Oct '78

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77; pt 2, 3:50+ Dec '77-Jan '78

Why the Armed Forces intervened in Chile. Col R. T. Lawrence. illus MarCor Gaz 62:18-26 Feb '78

RHODESIA

Conflict in southern Africa: A debate. Kenneth Adelman and Gerald J. Bender. Intl Sec 3:67-122 Fall '78

Rhodesia: Smith's U.S. diplomacy. David Harvey. Def & For Aff Dig 6, No.11:48 '78

The United States and the endgame in Rhodesia. Chester A. Crocker. illus Strat Rev 6:28-40 Summer '78

RICHARDSON, Elliot L.

LOS sessions start with seabed mining impasse. L. Edgar Prina. Sea Power 21:32-34 Apr '78

RIFLES

The MKS 5.56 mm assault rifle. illus tab Intl Def Rev 11, No.2:227-228 '78

New small arms. John Marriott. illus tabs NATO's Fifteen Nations 22:124-125+ Dec '77-Jan '78

Rifle marksmanship. Capt Paul L. Conway. illus Infantry 68:24-27 Jul-Aug '78

Sergei Simonov, arms designer. Col I. Dynin. illus Soviet Mil Rev No.9:41-43 Sep '78

Combat Evaluation

The NATO small arms trials. A. J. R. Cormack. illus tab Intl Def Rev 11, No.7:1043-1048 '78

History

The rifleman's plight. Raymond A. Young. illus Natl Def 62:307-309+ Jan-Feb '78

RIOT CONTROLEquipment

Internal security--some recent equipment from the UK. illus tabs Intl Def Rev 11, No.8:1302-1306 '78

Ulster: The name of the internal security game. R. B. Pengelly. illus Intl Def Rev 11, No.8: 1297-1301 '78

RIPPETOE, David E., Jr

Electronic warfare training for reality. BrigGen David E. Rippeto, Jr. por Signal 32:42-45 Mar '78

RISNER, Robinson

An example of excellence. (Capt Timothy A. Kinnan receives first Risner Trophy) TSgt Herman J. Kokojan. por Airman 22:34-35 Jun '78

RIVER CROSSING, MILITARY see Stream Crossing, MilitaryRIVERS see WaterwaysROADS

Base road traffic planning (AFR 125-14). TIG Brief 30:15 May 12 '78

New directions for highways and public transportation. Clyde Linsley, Jr. illus Translog 9:6-8+ Jul '78

The Stockbridge (Indian) Reservation road. illus Natl Guardsman 32:10-11 Aug '78

Taming the mixing bowl. (1-mile stretch of the Shirley Highway just south of the Pentagon) Eugene E. Halmos, Jr. illus Mil Engr 70:254-256 Jul-Aug '78

Uniform traffic control devices: A key to safe and efficient road traffic movement. TIG Brief 30:21 Jul 7 '78

Laws and Regulations

Applicability to military vehicles of state and local restrictions on highway use. TIG Brief 30:13 Aug 25 '78

ROBERTS, James M., Jr

DOPMA: Defense Officer Personnel Management Act. (Statement before Personnel Subcommittee, Senate Armed Services Committee) Gen J. Milnor Roberts, Ret. Officer 54:18-19 Sep '78

The Russians aren't coming ... they're here! MajGen J. Milnor Roberts. Officer 54:20-23 Jun '78

ROBERTS, John W.

Air Training Command. por AF Mag 61:68-69 May '78

Integrity: Using it today and building it for tomorrow. Gen John W. Roberts. TIG Brief 30:1 Aug 25 '78

Readiness and freedom. (Remarks, Air Force Sergeants Assoc International Convention, San Antonio, Tex, Aug 20, 1978) Gen John W. Roberts. AF Plcy Ltr for Comdrs: Sup No.11:23-29 Nov '78

ROCKET BOOSTERS see BoostersROCKETSSee also

Missiles

2.75 update: Whatever happened to "the egg on the wall?" Col James L. Tow. tab illus (Also cutaway) USA Avn Dig 24:10-15 May '78

ROCKETS - ContinuedEnginesDesign

Modern rocket/ramjet engine development in Europe. R. Meller. illus tabs Intl Def Rev pt 1, Solid fuel engines from MBB. 10:526-528 Jun '77; pt 2, Solid fuel engines from ONERA. 10:767-769 Aug '77; pt 3, Integrated rocket ramjets from Volvo Flyg-motor. 11, No. 1:109-111 '78

FuelsSee PropellantsLaunching

The first rocket battery (1941-45). Col V. Ryabchikov. illus Soviet Mil Rev No. 11:13-14 Nov '78

Testing

Rocket testing ground in Africa. LtCol V. Zhukov. Soviet Mil Rev No. 4:55-56 Apr '78

GermanyHistory

(Operations) Backfire and Clitterhouse: Britain launches the V2. Mitchell R. Sharpe. illus Aerosp Hist 25:36-44 Mar '78

Great BritainHistory

(Operations) Backfire and Clitterhouse: Britain launches the V2. Mitchell R. Sharpe. illus Aerosp Hist 25:36-44 Mar '78

RussiaHistory

The first rocket battery (1941-45). Col V. Ryabchikov. illus Soviet Mil Rev No. 11:13-14 Nov '78

ROGERS, Bernard W.

Force readiness key to meeting crisis demands. Gen Bernard W. Rogers. por Army 28:22-25 Oct '78

ROGERS, Jack A.

Leadership. BrigGen Jack A. Rogers, Ret. Air Def Mag, pp 7-9, Jul-Sep '78

ROHRER, Paul W.

(Rear) Admiral (Paul W.) Rohrer, staunch Reserve supporter, retiring. por Officer 54:10 Aug '78

ROLES AND MISSIONSAir Force--U.S.

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

Air Force role in space. AF Plcy Ltr for Comdrs: Sup No. 3:32-35 Mar '78

CRAF: Hawks in doves' clothing? Maj Matt C.C. Bristol III. AF Law Rev 20, No. 1:48-70 '78

Defense suppression as a basic operational mission. LtCol David Brog. illus tab AU Rev 29:9-12 Mar-Apr '78

ROLES AND MISSIONS - ContinuedAir Force--U.S. - Cont'd

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

Army--U.S.

Forward support. Col Robert W. Fishor and A. David Mills. illus tabs Armor 87:20-24 Mar-Apr '78

Support troops in combat operations in Europe. Maj Edward A. Corcoran. illus tabs Army Log 10: 18-23 Jan-Feb '78

Marine Corps--U.S.

A good bowl of 'Chowder' saved the Marine Corps following WW II. illus MarCor Gaz 62:22-33 Dec '78

'The great debate of 1978': The Navy strikes back. L. Edgar Prina. illus Sea Power 21:11+ Mar '78

Marines for the future. Francis J. West, Jr. illus US Nav Inst Proc 104:34-42 Feb '78

What makes the United States Marine Corps tick? illus map NATO's Fifteen Nations 22:89-93 Dec '77-Jan '78

Navy--Russia

The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78

Navy--U.S.

'The great debate of 1978': The Navy strikes back. L. Edgar Prina. illus Sea Power 21:11+ Mar '78

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

New Defense guidelines postulate sideline status for Navy. L. Edgar Prina. illus Sea Power 21:35-36 Feb '78

Reserve Forces--Navy--U.S.

Background for the future of the U.S. Naval Reserve. James Hessman. illus US Nav Inst Proc 104:144-157 May '78

Navy expects static testing of RMSD (Reserve Merchant Ship Defense) System next fall. illus Officer 54:13 Jan '78

ROLYA, William I.

Intelligence, security and electronic warfare. MajGen William I. Rolya. por Signal 32:15-17 Mar '78

RULE OF THE ROAD AT SEA see Safety at SeaRUNWAYS

Confessions of a military runway. Capt James J. Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in issues of MAC Flyer

Effects of runway grooving. Capt Dannie O. Burk. illus tabs Aerosp Safety 34:22-25 Mar '78

Runway condition. CMSgt George M. Horn. illus Aerosp Safety 34:4-5 Apr '78

RUNWAYS - Continued

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

Maintenance and Repair

Maintenance free airfield lighting system. William T. Ferguson. illus AF Engrg & Svcs Qtr 19:4-5+ Nov '78

RUSSIA

USSR Muslim population explosion poses a possible threat to Soviet military. Sig Mickelson. illus map Mil Rev 58:36-45 Nov '78

Economic Conditions

Economic system of advanced socialism. O. Mikhailov. illus Soviet Mil Rev No. 8:9-12 Aug '78

The influence of being Russian on the officers and men of the Soviet Navy. CAPT W.H.J. Manthorpe, Jr. illus US Nav Inst Proc 104:128-143 May '78

Putting Soviet power in perspective. Les Aspin. tabs AEI Def Rev 2, No. 3:2-14 '78

(Soviet) Army helps national economy. Maj V. Pilipenko. illus Soviet Mil Rev No. 4:35-36 Apr '78

Soviet leadership dilemma. tab Natl Def 62:310-311 Jan-Feb '78

History

Economic victory of socialism. Col N. Komarov. illus Soviet Mil Rev No. 4:8-10+ Apr '78

Economic Policy

Economic system of advanced socialism. O. Mikhailov. illus Soviet Mil Rev No. 8:9-12 Aug '78

Soviet leadership dilemma. tab Natl Def 62:310-311 Jan-Feb '78

An urgent appointment (Soviet-Middle Eastern strategies). Miles Costick. illus Def & For Aff Dig 6, No. 6:8-10 '78

Foreign Economic Relations

Equality, cooperation, mutual advantage. (Soviet trade relations with the developing countries) (Interview with I. T. Grishin) Soviet Mil Rev No. 6: 44-45 Jun '78

United States

U.S.-Soviet trade: A darkening view. Leigh Johnson. Def & For Aff Dig 6, No. 3:20+ '78

Foreign Policy

Are the Soviets and SALT compatible? Harvey A. DeWeerd. illus Army 28:30-32 Nov '78

Disarmament, the ideal of socialism. N. Podolsky. Soviet Mil Rev No. 7:50-52 Jul '78

The expanding Soviet collective security network. Avidor Haselkorn. illus Strat Rev 6:62-73 Summer '78

Fast patrol boats: Political instruments of the USSR. map tab Elect Warfare/Def Elect 10:68-70+ Sep '78

RUSSIA - ContinuedForeign Policy - Cont'd

The Great Bear hug. Capt J.J.R. Oswald. illus RUSI J for Def Studies 123:36-42 Jun '78

Interview. (Gen) Alexander M. Haig, Jr. illus Def & For Aff Dig 6, No. 1:4-7 '78

Iran--strategic keystone. John Golden. map Natl Def 63:47-49+ Nov-Dec '78

Peaceful coexistence--the bidding of our times. V. Korionov. Soviet Mil Rev No. 2:47-49 Feb '78

Pivotal problem of our times. (War and peace) Col V. Khrobostov and LtCol V. Gorbunov. Soviet Mil Rev No. 1:59-61 Jan '78

Moscow and the Mid-East settlement. Vladimir Simonov. illus Def & For Aff Dig 6, No. 6: 11-12+ '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. illus Aerosp Hist 25:74-77 Jun '78

Soviet nuclear exports. Gloria Duffy. tab chart Intl Sec 3:83-111 Summer '78

Soviet policy in the Third World in perspective. Alvin Z. Rubinstein. illus Mil Rev 58:2-9 Jul '78

Soviet strategy in the 1970's and beyond. Robert H. Donaldson. illus Parameters 8:62-71 Mar '78

Soviet thrust into the Horn of Africa: The next targets. Peter Vanneman and Martin James. illus tab Strat Rev 6:33-40 Spring '78

The Soviet Union and the northern flank of NATO. P. H. Vigor. map NATO's Fifteen Nations 23:58-60 Apr-May '78

Soviets have the edge. (Interview with Rep John Breckinridge) AF Times 38:12 May 8 '78

Understanding Soviet foreign policy. R. H. Baker. tab RUSI J for Def Studies 123:46-51 Mar '78

An urgent appointment (Soviet-Middle Eastern strategies). Miles Costick. illus Def & For Aff Dig 6, No. 6:8-10 '78

History

Soviet strategy--Russian strategy: Governing factors, traditional objectives, successes. Walter Bukowsky. illus Intl Def Rev 10:1051-1056 Dec '77

Foreign Relations

Putting Soviet power in perspective. Les Aspin. tabs AEI Def Rev 2, No. 3:2-14 '78

Africa

The Cuban factor. Edgar O'Ballance. RUSI J for Def Studies 123:46-51 Sep '78

A prudent (NATO) peripheral perspective. Gen T. R. Milton, Ret. AF Mag 61:30 Mar '78

The Soviet-Cuban presence in the Horn of Africa. Lawrence Whetten. illus RUSI J for Def Studies 123:39-45 Sep '78

Soviet imperialism in Africa. Julian Amery. illus map NATO's Fifteen Nations 23:28-30+ Jun-Jul '78

RUSSIA - ContinuedForeign Relations - Cont'dAfrica - Cont'd

There's a right way to stop Russia's Africa expansion. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:35-36 Aug '78

Africa, South

Africa and Western lifelines. W.C.J. van Rensburg. illus tab Strat Rev 6:41-50 Spring '78

Angola

Angola, national liberation, and the Soviet Union. Daniel S. Papp. illus Parameters 8:26-39 Mar '78

China (People's Republic)

Behind the Sino-Soviet split. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:27-28 Dec '78

Modernization and conflict: Soviet military assistance to the PRC, 1950-60. Maj Joseph E. Thach, Jr. illus Mil Rev 58:72-92 Jan '78

Soviet perceptions of NATO. Keith A. Dunn. Parameters 8:58-69 Sep '78

Ethiopia

Soviet airlift to Ethiopia. Bonner Day. AF Mag 61:33 Sep '78

The Soviets exercise their airlift capability. illus map AF Mag 61:27 Mar '78

Europe--History

Detente then and now. Steven Ross. illus Nav War Col Rev 31:35-47 Fall '78

Europe, Eastern

Eastern Europe in the strategic balance. James A. Kuhlman. illus Parameters 8:72-84 Mar '78

Europe, Western

Understanding Soviet foreign policy. R.H. Baker. tab RUSSI J for Def Studies 123:46-51 Mar '78

France

Soviet perceptions of NATO. Keith A. Dunn. Parameters 8:58-69 Sep '78

Iran

Iran--strategic keystone. John Golden. map Natl Def 63:47-49+ Nov-Dec '78

Middle East

The face and future of the Middle East. Gregory Copley. illus Def & For Aff Dig pt 1, Afghanistan. 6, No. 6:4-7+ '78; pt 2, Iran and Oman. 6, No. 7: 14-16+ '78

Moscow and the Mid-East settlement. Vladimir Simonov. illus Def & For Aff Dig 6, No. 6: 11-12+ '78

An urgent appointment (Soviet-Middle Eastern strategies). Miles Costick. illus Def & For Aff Dig 6, No. 6:8-10 '78

RUSSIA - ContinuedForeign Relations - Cont'dNATO

Soviet perceptions of NATO. Keith A. Dunn. Parameters 8:58-69 Sep '78

Third World

Countering Soviet influence in the Third World. Mark Katz. illus AF Mag 61:54-58 Aug '78

Observing close encounters in the Third World. Charles Yost. Intl Sec 3:187-192 Summer '78

Soviet policy in the Third World in perspective. Alvin Z. Rubinstein. illus Mil Rev 58:2-9 Jul '78

United States

Detente then and now. Steven Ross. illus Nav War Col Rev 31:35-47 Fall '78

Interview. (Gen) Alexander M. Haig, Jr. illus Def & For Aff Dig 6, No. 1:4-7 '78

SALT-II myths. Harvey A. DeWeerd. illus Army 28: 14-17 May '78

The significance of SALT. J. William Fulbright. AEI Def Rev 2, No. 4:2-14 '78

There's a right way to stop Russia's Africa expansion. Col Robert D. Heintz, Jr, Ret. illus Sea Power 21:35-36 Aug '78

Understanding Soviet foreign policy. R.H. Baker. tab RUSSI J for Def Studies 123:46-51 Mar '78

Yugoslavia

Verifying the SALT agreements: Must it be by faith alone? Harvey A. DeWeerd. illus Army 28:15-18 Aug '78

Yugoslavia after Tito: The Soviet threat. LtCol Frank C. Allen. illus map Mil Rev 58:62-68 May '78

History

(Marshal Mikhail) Tukhachevski: Ahead of his time. Albert Parry. illus Mil Rev 58:68-76 Mar '78

Pages of heroic history. (60th Anniversary of Soviet Army and Navy) illus Soviet Mil Rev No. 1:16p sup Jan '78

Russian military strategy--a fresh look. Col David J. Cade. illus AU Rev 29:18-27 Sep-Oct '78

Soviet strategy--Russian strategy: Governing factors, traditional objectives, successes. Walter Bukowsky. illus Intl Def Rev 10:1051-1056 Dec '77

Politics and Government

Fast patrol boats: Political instruments of the USSR. map tab Elect Warfare/Def Elect 10:68-70+ Sep '78

Leading and guiding force of Soviet society. Capt A. Skrylnik. Soviet Mil Rev No. 3:2-5 Mar '78

Mighty weapon of the Party. Gen A. Yepishev. illus Soviet Mil Rev No. 7:2-6 Jul '78

The political system of developed socialism. LtCol F. Seyranyan. illus Soviet Mil Rev No. 9:6-8 Sep '78

Union of equal republics. V. Borisov. illus Soviet Mil Rev No. 5:5-7 May '78

RUSSIA - ContinuedPolitics and Government - Cont'dHistory

Birth of a revolutionary party. (2d Congress of the Russian Social-Democratic Labour Party, July-Aug 1903) Col A. Zvenzlovsky. Soviet Mil Rev No. 6:38-40 Jun '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. illus Aerosp Hist 25:74-77 Jun '78

Social Conditions

The right to housing. Soviet Mil Rev No. 7:7 Jul '78

RUSSIAN LANGUAGE AND LITERATURE

Air defense of the ground forces: A Soviet historical perspective. Col Daniel K. Malone. illus Air Def Mag, pp 8-13, Apr-Jun '78

Books in the USSR. Col B. Zyryanov. Soviet Mil Rev No. 9:57-59 Sep '78

The whole world studies Russian. L. Zabavskaya. Soviet Mil Rev No. 10:54-55 Oct '78

RUSSO-JAPANESE WAR, 1904-1905

Accidents and crises: The Dogger Bank affair. Richard Ned Lebow. illus Nav War Col Rev 31:66-75 Summer '78

RUTTER, George W.

E-3A enhancements. MajGen George W. Rutter. Signal 33:9-12+ Oct '78

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SALT see Arms Control

SAMSO see Space and Missile Systems Organization

SAMTEC see Space and Missile Test Center

SAR see Search and Rescue

SATCOM see Satellite Communications Agency

SES see Air Cushion Vehicles

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

STRATCOM see Army Communications Command

SABOTAGE

Security in the air. Chris Eliot. illus tab Aerosp Intl 14:11-15 Feb-Mar '78

SADLER, Robert E.

Air Force Communications Service. por AF Mag 61: 62-63 May '78

SADLER, Thomas M.

Introspective look at Air Force Communications Service (AFCS). MajGen Bob Sadler. TIG Brief 30: 1-2 Dec 15 '78

SAFETY AT SEA

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

SAFETY MEASURES see

Flying Safety
Ground Safety
Water Safety

also subdivision Safety Measures under specific subjects, e.g.,

Aircraft Carriers--Safety Measures
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Chemical-Biological Warfare--Safety Measures
Helicopters, Military--Safety Measures
Lasers--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Radiation--Safety Measures
Radioactivity--Safety Measures
Ships--Safety Measures

SAFETY PROGRAMS

10 commandments of safety for supervisors. SSgt Alan R. Koester. TAC Attack 18:23 Jul '78

Air Force

AFRES wins Foulis Trophy (for operating the best flight safety program in the Air Force during 1977). LtCol Ted Oglesby. illus Aerosp Safety 34: 22-24 Sep '78

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Additional Duty Safety Officer Course. TIG Brief 30:5 Aug 4 '78

Computer operations--we made safety our business. Samie-Lee Ashworth. illus AF Compt 12:43 Jul '78

Correcting unsafe or unhealthful working conditions. TIG Brief 30:6 Jun 23 '78

Explosives safety training and inspection requirements. TIG Brief 30:5 Feb 17 '78

FOD. Col Robert S. Beale. illus Aerosp Safety 34:1-3 Jun '78

Let's have a fly-in. LtCol Robert L. Gardner. illus Aerosp Safety 34:23-24 Dec '78

Munition safety certification required for aircraft systems and components. TIG Brief 30:10 Sep 22 '78

1978 SAC Safety Seminar (Carswell AFB, Tex, 1978) ... a common sense approach. Maj Stephen J. Miller. illus Combat Crew 28:7+ Dec '78

Operating instructions for explosives operations. TIG Brief 30:10 Sep 22 '78

Reduction in safety manpower. TIG Brief 30:5 May 12 '78

SAC's 90th SMW (Strategic Missile Wing) demonstrates safety in action. illus Combat Crew 28: 4-7+ Feb '78

Safety review of nuclear power systems and minor radioactive sources. TIG Brief 30:7 May 12 '78

The silver bullet. LtCol Henry M. Crook, Jr. tab TAC Attack 18:26-27 Dec '78

Uniform traffic control devices: A key to safe and efficient road traffic movement. TIG Brief 30:21 Jul 7 '78

U.S. officials can inspect civilian work. AF Times 39:25 Jul 31 '78

We need a victory (in FOD prevention). LtCol Richard W. Blatter. illus Combat Crew 28:2-3 Feb '78

Who provides ground safety support? TIG Brief 30:8 Jul 7 '78

Your safety officer speaks. Capt William C. Kassen. illus Combat Crew 28:4-5 May '78

Army

The safety NCO. Maj Craig C. MacNab and Capt Frederick P. A. Hammersen. Fld Arty J 46:62-63 May-Jun '78

Unit training. illus USA Avn Dlg 24:8-11 Nov '78

"We can no longer chase the four winds." (Interview with Col Keith J. Rynott) illus USA Avn Dlg 24: 16-19 May '78

Navy

A FOD prevention program that works. LCDR David J. Carey. illus tab Aerosp Safety 34:25-28 Oct '78
Safety review. LT Ted Bybel. illus Approach 23: 18-22 Jan '78

SAFETY PROGRAMS - ContinuedReserve Forces--Air Force

'First rate and well deserved.' (1977 Benjamin D. Foulis Memorial Award for the Air Force Reserve) illus Air Reservist 30:6-7 Apr '78

SAILING

"Fighting Bob" Evans and the America's Cup patrol fleet. ENS C. Douglas Kroll. illus US Nav Inst Proc 104:94-95 Nov '78

The When and If--Patton's own. Peggy O'Connell Parker. illus Army 28:32-34 Feb '78

SAILPLANES see GlidersSALARIES see Income

also subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALUTES, MILITARY see Military Ceremonies, Honors and SalutesSALZER, Robert S.

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. por US Nav Inst Proc 104:24-33 Feb '78

SAMOA

Samoa by the 'way.' (MAC has one member at Tutuila, American Samoa, to oversee C-141 refueling stops) MSgt David B. Drachlis. illus Airman 22: 44-48 Aug '78

SATELLITE COMMUNICATIONS AGENCY

Busy Clark (AB, RP) SatCom spans 2/3 of the globe. MSgt Bernhard Haller, Jr and SSgt William R. Dumas, Jr. AF Times 39:49 Sep 18 '78

SATELLITES, ARTIFICIALSee alsoSpace Stations

also specific satellites under project name, e.g.,
Space Project--Pioneer
Space Project--Vanguard

Communication Applications

AFSATCOM. Maj Edwin L. Armstrong. AF Mag 61: 80-81+ Jul '78

American Satellite dedicated government network continues rapid expansion. BrigGen H.R. Johnson, Ret. illus map Signal 32:42-45+ Jan '78

Busy Clark (AB, RP) SatCom spans 2/3 of the globe. MSgt Bernhard Haller, Jr and SSgt William R. Dumas, Jr. AF Times 39:49 Sep 18 '78

Communications and crisis actions. BrigGen Charles E. Williams, Jr, Ret. illus maps tab AU Rev 29: 2-8 Mar-Apr '78

(Contract to expand and provide all digital communications to NICS) Signal 33:78 Sep '78

Defense communications systems. George L. Salton. illus Signal 33:44+ Nov-Dec '78

SATELLITES, ARTIFICIAL - ContinuedCommunication Applications - Cont'd

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

ESD (Electronic Systems Division): Enhancing effectiveness electronically. Edgar Ulsamer. illus AF Mag 61:46-52+ Jul '78

EW and NATO communications. A. Nejat Ince. illus maps tabs Signal 32:66-73 Mar '78

Elmendorf (AFB, Alas) launches satellite network. AF Times 39:19 Nov 20 '78

The extraterrestrial imperative. Krafft A. Ehrlicke. illus AU Rev 29:2-20 Jan-Feb '78

MARISAT (MARitime SATellites): The spaced out communication system. William Penrose. illus Def Trans J 34:42-46 Feb '78

Mil com use of space--lease/buy. (Convention panel, AFCEA, Washington, June 20-22, 1978) Donald M. Jansky and others. illus Signal 32:61-66 Aug '78

NAVSTAR. Col Donald W. Henderson and Capt G.D. Smeltzer. AF Mag 61:80-83 Jul '78

Naval communications in NATO--still some gaps. R.D. Boyle. illus Intl Def Rev 11, No. 4:515-519 '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

Pacific common carrier communications systems. Robert E. Conn. illus map tabs Signal 32:35-39 Feb '78

Satellite \$: Saving by 'line of sight.' (RADC's Digital Communications Experimental Facility) AF Times 38:31 Apr 3 '78

The (Soviet) Orbita (long-range space communication) system. O. Petrov. map Soviet Mil Rev No. 5:38-39 May '78

Space laser communications airborne. illus Elect Warfare/Def Elect 10:49+ Oct '78

Strategic C³: The satellite arena--20 years after Sputnik. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 115:18-23+ Feb '78

(USAF Avionics Laboratory and the Australian Advanced Engineering Laboratory) study ionosphere. AF Times 39:34 Nov 6 '78

(Washington-Moscow "hot-line" improved) Signal 32:92 Mar '78

Earth Sciences Applications

The long cool view--Earth observation from space: The current state of the art. Chris Bulloch. illus maps Interavia 33:1158-1168 Dec '78

Launching

International cosmic port. (Baikonur Cosmodrome) Col M. Rebrov. illus Soviet Mil Rev No. 3:38-39+ Mar '78

SATELLITES, ARTIFICIAL - ContinuedLaunching - Cont'dChronology

NASA planned satellite launch schedule, 1978. Table only. Interavia 33:94 Feb '78

Russian ocean surveillance satellites. G.E.Perry. illus map tabs Royal Air Forces Qtr 18:60-67 Spring '78

Meteorological Applications

Block 5D was born again. (USAF participates in re-activating a weather satellite) MSgt Gerald H. Smith. illus Airman 22:45-48 Jan '78

The meteorological satellite: An invaluable tool for the military decision-maker. Majs Ernie R. Dash and Walter D. Meyer. illus maps AU Rev 29:13-24 Mar-Apr '78

Weather watch (Defense Meteorological Satellite Program). TSgt Dwight Trimmer. illus AF Times 39:44 Dec 4 '78

Military Applications

Elmendorf (AFB, Alas) launches satellite network. AF Times 39:19 Nov 20 '78

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

National technical means of verification. Col E. Asa Bates, Jr, Ret. illus RUSI J for Def Studies 123: 64-72 Jun '78

Russian hunter-killer satellite experiments. G.E. Perry. illus Royal Air Forces Qtr 17:328-335 Winter '77; Condensation. Mil Rev 58:50-57 Oct '78

Satellites, sensors, and space stations: The next war at sea could start in outer space. William Ruhe. illus Sea Power 21:25-30 Sep '78

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

Navigation Applications

4 star fix. (NAVSTAR Global Positioning System) James A. George. illus Airman 22:19-25 Jul '78

New receivers spur Navstar's progress. illus Elect Warfare/Def Elect 10:65-69 Feb '78

Soviet navigation satellites. Geoffrey E. Perry. illus tabs Royal Air Forces Qtr 18:276-284 Autumn '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

Oceanographic Applications

Studying oceans from space. (Seasat-A) illus Interavia 33:682 Aug '78

Scientific UsesSee also

Satellites, Artificial--Meteorological Applications
Satellites, Artificial--Oceanographic Applications

The extraterrestrial imperative. Krafft A. Ehrlicke. illus AU Rev 29:2-20 Jan-Feb '78

SATELLITES, ARTIFICIAL - ContinuedScientific Uses - Cont'd

The long cool view--Earth observation from space:
* The current state of the art. Chris Bulloch. illus maps Interavia 33:1158-1168 Dec '78

Solar Energy Applications

Solar power satellites: Why the push is on. illus Govt Exec 10:14-15+ Jul '78

Russia

Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782. Henry A. Leon and others. tab Aviation, Space & Envmt Med 49:66-69 Jan '78

Cosmic ray effects on the eyes of rats flown on Cosmos No.782, experiment K-007. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 49:19-28 Jan '78

Radiobiological experiment aboard the biosatellite Cosmos-690. O.G. Gazonko and others. illus tabs Aviation, Space & Envmt Med 49:42-46 Jan '78

Russian hunter-killer satellite experiments. G.E. Perry. illus Royal Air Forces Qtr 17:328-335 Winter '77; Condensation. Mil Rev 58:50-57 Oct '78

Russian ocean surveillance satellites. G.E. Perry. illus map tabs Royal Air Forces Qtr 18:60-67 Spring '78

Soviet navigation satellites. Geoffrey E. Perry. illus tabs Royal Air Forces Qtr 18:276-284 Autumn '78

Soviet space activities in 1977. Charles S. Sheldon II. illus tabs AF Mag 61:74-77 Mar '78

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

United States

Oldest satellite (Vanguard I) marks 20 years circling earth. AF Times 38:28 May 1 '78

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

SATELLITES, RECONNAISSANCE

National technical means of verification. Col E. Asa Bates, Jr, Ret. illus RUSI J for Def Studies 123: 64-72 Jun '78

Russian ocean surveillance satellites. G.E. Perry. illus map tabs Royal Air Forces Qtr 18:60-67 Spring '78

SAUDI ARABIA

Beyond the "plane package": Arms and politics in the Middle East. Andrew J. Pierre. Intl Sec 3:148-161 Summer '78

Strategic Importance

U.S. strategic interests in Iran and Saudi Arabia. Robert Ghobad Irani. illus map Parameters 7, No.4:21-34 '77

SCANDINAVIAStrategic Importance

Scandinavia: The busy pivot between East and West. John Fullerton. illus Def & For Aff Dig 6, No. 4: 4-8 '78

SCARBOROUGH, Robert H.

New Coast Guard Commandant (RADM John B. Hayes), Vice Commandant (RADM Robert H. Scarborough) named. por Sea Power 21:12 Mar '78

SCHAFER, George E.

Doctors need pay security. Interview. LtGen George E. Schafer, Ret. por AF Times 39:52-53 Sep 25 '78

Surgeon General sees end to doctor shortage. Interview. LtGen George E. Schafer. AF Times 38:2 Feb 20 '78

SCHNEIDER, Bernard J.

Professional Military Comptroller School (Air University, Maxwell AFB, Ala): Analysis--the basis for sound decisions. Maj Bernard J. Schneider. por AF Compt 12:42-44 Oct '78

SCHOLARSHIPS AND FELLOWSHIPS

Civilian dollars luring scholarship doctors. AF Times 39:4 Nov 6 '78

Dr study \$\$ may be axed. AF Times 39:19 Aug 21 '78

Doctors need pay security. Interview. LtGen George E. Schafer, Ret. illus AF Times 39:52-53 Sep 25 '78

ROTC ends extra push for Blacks--Bakke decision spinoff. Randy Moore. AF Times 39:2 Dec 4 '78

Raise pays to lure doctors, House told. AF Times 39:21 Aug 21 '78

70 EM make ASCP. AF Times 38:12 May 22 '78

SCHOOL OF MILITARY SCIENCES, OFFICER see Officer Training SchoolSCHRIEVER, Bernard A.

Jimmy Carter's arms transfer policy: It won't work. Gen Bernard A. Schriever, Ret. AEI Def Rev 2, No. 5:16-28 '78

SCIENCE

Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78

SCIENTIFIC RESEARCHMilitary Applications

U.S. military technology: The Soviet perspective. Paul M. Kozar. AU Rev 29:66-73 Mar-Apr '78

SCIENTISTS, RUSSIAN

Forward-looking scientist (I. V. Kurchatov). Col P. Astashenkov. illus Soviet Mil Rev No. 2:44-46 Feb '78

SCURLOCK, Robert

Directorate of Budget. MajGen Robert Scurlock. por AF Compt 12:22-23 Oct '78

Outstanding comptrollers: Maj General Scurlock wins AFA's Distinguished Award for Management. por AF Compt 12: back cover Oct '78

SEA-BASED MISSILE DEFENSE SYSTEM see Missile DefenseSEA CADETS

Sea cadets. Regular feature in some issues of Sea Power

SEA CONTROL

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

Fixed wing aircraft in ASW. R. Richard Heppe and Lawrence E. Channel. illus tabs map Natl Def 63: 52-55+ Nov-Dec '78

The great naval debate. (Interview with CAPT Alva M. Bowen, Jr, Ret) Craig J. Spence. illus Def & For Aff Dig 6, No. 9:52-54 '78

Naval warfare. William D. O'Neill. illus Natl Def 63: 26-29+ Nov-Dec '78

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. illus map Intl Def Rev 11, No. 4:509-514 '78

The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78

SEA CONTROL SHIPS

The Navy's clouded amphibious mission. VADM Robert S. Salzer, Ret. illus US Nav Inst Proc 104:24-33 Feb '78

SEA POWER

The East-West balance at sea. London's International Institute for Strategic Studies. tab AF Mag 61:117-121 Dec '78

The foreword to Jane's (Fighting Ships 1978-79). Capt John Moore, Ret. Sea Power 21:23-31 Aug '78

Naval warfare since 1945. Jurgen Rohwer, trans by C. Ulrich. illus US Nav Inst Proc 104:66-83 May '78

The negative influence of Mahan on anti-submarine warfare. Capt R. A. Bowling, Ret. illus RUSI J for Def Studies 122:52-59 Dec '77

China (People's Republic)

The maritime posture of Communist China. Niu Sien-chong. tab NATO's Fifteen Nations 23:110-111+ Feb-Mar '78

France

France as a naval power: Her vessels, shipyards, and aircraft. Claude Niemes. illus NATO's Fifteen Nations 23:104-107 Oct-Nov '78

Great Britain

British seapower and its influence upon the Peninsular War (1808-1814). Donald D. Horward. illus Nav War Col Rev 31:54-71 Fall '78

SEA POWER - ContinuedGreat Britain - Cont'd

British seapower: The Royal Navy in 1978. Col Norman L. Dodd, Ret. illus US Nav Inst Proc 104:111-115 Jul '78

NATO

Atlantic Council recommends major increase in funding for U.S. Navy. L. Edgar Prina. illus Sea Power 21:13-16 Dec '78

The place of maritime strength in the strategy of deterrence. George R. Lindsey. illus Nav War Col Rev 30:26-33 Spring '78

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. illus map Intl Def Rev 11, No. 4:509-514 '78

Russia

Freedom of the seas ... bottom line for survival. Capt Morris L. Hayes. illus Natl Def 63:34-35+ Jul-Aug '78

The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78

United States

Atlantic Council recommends major increase in funding for U.S. Navy. L. Edgar Prina. illus Sea Power 21:13-16 Dec '78

Debating the real issues about the future of the U.S. Navy. Bridget Gail. tabs Armed Forces J Intl 115: 25-28+ May '78

Freedom of the seas ... bottom line for survival. Capt Morris L. Hayes. illus Natl Def 63:34-35+ Jul-Aug '78

Sea plan (for year) 2000. Editorial. James D. Hessman. Sea Power 21:26-28 May '78

Sea plan (for year) 2000: Naval force planning study. tabs Armed Forces J Intl 115:32+ May '78

Sea role said more vital than air. AF Times 38:23 Jun 12 '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. tab Armed Forces J Intl 115:10 Apr '78

A ship for all reasons: Multi-purpose mobilization ship is designed for both peace and war. James D. Hessman and Ellen D. Bottiny. illus Sea Power 21: 24-26 Dec '78

SEA WARFARE sec Naval WarfareSEALIFT

By truck, by train, by ship, by plane. illus Translog 9:15 Aug '78

The defense of the Atlantic. ADM Isaac C. Kidd. illus NATO's Fifteen Nations 23:28-30+ Oct-Nov '78

How do you get there from here? (Testimony, House Merchant Marine and Fisheries Committee, Sep 20, 1978) ADM Isaac C. Kidd. illus Sea Power 21:19-22 Oct '78

SEALIFT - Continued

A ship for all reasons: Multi-purpose mobilization ship is designed for both peace and war. James D. Hessman and Ellen D. Bottiny. illus Sea Power 21: 24-26 Dec '78

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

SEAMANSHIP

Fantasies of mutiny and murder: A suggested psychohistory of the seaman in the United States Navy, 1798-1815. Christopher McKee. Armed Forces & Soc 4:293-304 Winter '78

SEAPLANES

Aquatic Canadians. Pictorial. J. M. G. Gradidge. Air Pict 40:106-107 Mar '78

History

'Cause a PBY don't fly that high. CAPT William E. Scarborough, Ret. illus tabs US Nav Inst Proc 104:59-73 Apr '78

Fate of Guba I. Mauno A. Salo. illus Am Avn Hist Soc J 23:195 Fall '78

SEARCH AND RESCUESee alsoPararescue

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Deep six. (Crewmember tells of his experience in a major aircraft accident) 1stLt Larry D. Shepherd. illus MAC Flyer 25:22-23 May '78

Down in the cold Atlantic. LT Jerome L. Petykowski. illus Aerosp Safety 34:10-13 Feb '78

'Downed' pilots rescued (in) emergency mission (part of joint Readiness Command's Exercise Empire Glacier). Jay Finegan. illus AF Times 38:28 Feb 27 '78

Life support training. Capt Frank Rosa. illus TAC Attack 18:10-12 Oct '78

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

The orange speck. (A U-2 search mission) James A. George. illus Airman 22:31 Sep '78

The rescue of air crew. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:98-102+ Oct-Nov '77

Search and rescue. TIG Brief 30:15-16 Apr 14 '78

Successful night helicopter rescue. illus Approach 23:16-17 Jan '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

SEARCH AND RESCUE - ContinuedStudy and Teaching

Mountain rescue. Capt Warren S. Lacy. illus Soldiers 33:14-17 Mar '78

SAREX '77. Air Reservist 29:18 Dec '77-Jan '78

SEASICKNESS see Motion Sickness

SEAT BELTS

DOT finds 18.5 percent of drivers use seat belts. AF Times 38:19 Jan 1 '78

Tennessee Child Passenger Protection Act. TIG Brief 30:5 Mar 31 '78

SECURITY, INTERNATIONAL

Authority to negotiate and conclude international agreements. TIG Brief 30:15 Apr 14 '78

NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77

The violent theater of the terrorist. Michael Moodie. Def & For Aff Dig 6, No. 1:17-21 '78

SECURITY, MILITARYSee also

Defense Investigative Service

Air Force Technical Surveillance Counter-Measures (TSCM) Program (AFR 205-14). TIG Brief 30:13 Apr 28 '78

At the outer zone. (Security for Minuteman missiles) James A. George. illus Airman 22:2-9 Mar '78

Commander's role in the nuclear security program. TIG Brief 30:21 Apr 28 '78

Espionage. TIG Brief 30:8 Jan 20 '78

How I fought guard boredom (and almost won). Col H. I. Pitchford. illus Translog 9:7-8 Jan '78

Information security problems in Automatic Data Processing (ADP) security. TIG Brief 30:19 Jan 6 '78

Information security program. TIG Brief 30:22 Apr 28 '78

Intelligence information reports: Forms and functions. TIG Brief 30:8 Mar 17 '78

Intelligence, security and electronic warfare. MajGen William I. Rolya. illus Signal 32:15-17 Mar '78

Intransit security of firearms and conventional munitions. TIG Brief 30:18 Mar 17 '78

Keeping it quiet. (USAF Security Force at the Pentagon) illus Airman 22:30-31 Jan '78

Mailing of confidential material. TIG Brief 30:18 Mar 3 '78

Nonduty travel to Communist-controlled countries. TIG Brief 30:9 Apr 14 '78

Purpose of the Security Threat And Incident Summary (STAIS). TIG Brief 30:4 Oct 20 '78

Releasing classified foreign intelligence information to contractors. TIG Brief 30:21 May 12 '78

SECURITY, MILITARY - Continued

Security clearances for officers with delayed active duty dates. TIG Brief 30:12 Apr 14 '78

Security hazards in printing classified documents. TIG Brief 30:12 Sep 22 '78

Semiannual security inspection. TIG Brief 30:16 Feb 17 '78

Technical security checklist. TIG Brief 30:4 May 26 '78

Ulster: The name of the internal security game. R. B. Pengelley. illus Intl Def Rev 11, No. 8: 1297-1301 '78

Why a modified Dull Sword report? TIG Brief 30:16 Apr 14 '78

SECURITY, NATIONALSee also

Security, International

Army acquisition policy and national security. LtGen Howard H. Cooksey, Ret. tabs Army Log 10:2-5 Jan-Feb '78

COMSEC (COMmunications SECurity)/OPSEC (OPerations SECurity) education and CBs. TIG Brief 30:15 Oct 20 '78

The coming U.S. strategic debate. LtGen Daniel Graham. illus Def & For Aff Dig 6, No. 3: 31-33+ '78

Containment, strategic value, world image--differing views of national security. Thomas I. Dickson. Nav War Col Rev 31:72-75 Fall '78

Continuity and change in U.S. national security policy. LtCol C. R. Nelson. illus tabs Mil Rev 58: 48-55 Jul '78

End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78

The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 2:4-6+ '78

Hill panel (House Armed Services Committee) sees risk in nuclear test ban. AF Times 39:10 Nov 27 '78

The House Armed Services Committee. Ricky Janisch and Donna J. Palumbo. illus Armed Forces J Intl pt 1, The national defense specialists. 115:36+ May '78; pt 2, The national security experts. 115:30+ Jun '78

How AF Systems Command tackles the future. C. W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

Intelligence and national security. James H. Babcock. illus Signal 33:16-18+ Nov-Dec '78

Making military judgments. (Address, Business Council, Hot Springs, Va, Oct 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 12:8-14 Dec '77

Military Posture: Fiscal Year 1979. (Statement before House Armed Services Committee, Feb 2, 1978) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:29-31 Apr '78

NATO RSI (Rationalization, Standardization and Interoperability) and arms sales abroad: Why the dichotomy won't work. C. W. Borklund. Govt Exec 10:43+ Dec '78

SECURITY, NATIONAL - Continued

National security information. TIG Brief 30:6
Sep 8 '78

New (AF) Chief (of Staff) pledges fight for benefits.
(Resume of address, AFA 32d National Convention,
Washington, Sep 17-20, 1978) Gen Lew Allen, Jr.
AF Times 39:1+ Oct 2 '78

Of foreign policy and weapons. (Excerpts from address,
Women Air Force Service Pilots, Colorado
Springs, Sep 30, 1978) Sen Barry Goldwater, AF
Times 39:18 Nov 6 '78; Army 28:11-12 Nov '78

Peace through total force readiness. (Remarks,
Armed Forces Day luncheon, Harrisburg, Pa,
May 18, 1978) LtGen Abbott C. Greenleaf, AF
Ply Ltr for Comdrs: Sup No. 8:24-33 Aug '78

People. Gen George S. Brown. illus Officer 54:27-29
Apr '78

Perspectives on FY 1979 Defense budget. (Presentation,
Industrial Economics Seminar sponsored by
Chase Econometric Associates, San Francisco,
March 1, 1978) John A. Hewitt, Jr. tabs AF Ply
Ltr for Comdrs: Sup No. 6:16-37 Jun '78

Planning in a world of change. John C. Stetson. illus
AF Mag 61:48-50 May '78

The present state of our national security. LtGen Ira
C. Eaker, Ret. illus Officer 54:16-17 Jun '78

The profession of arms and national security. Gen
George V. Underwood, Jr., Ret. illus Air Def Mag,
pp 16-21, Oct-Dec '78

Reconciling internal security and human rights. Mariano
Grondona. illus Intl Sec 3:3-16 Summer '78

U.S. strategic interests in Iran and Saudi Arabia.
Robert Ghobad Irani. illus map Parameters 7,
No. 4:21-34 '77

SECURITY ASSISTANCE PROGRAM

Building a Navy in a hurry (in Iran). LCDR Thomas
F. Green. illus map tab US Nav Inst Proc 104:41-
49 Jan '78

The Carter policy: Can it cut the arms connection?
tab Def Monitor 7:4-8 Feb '78

How we officially lost Brazil. Stephen G. Saltzman.
illus Govt Exec 10:34+ Sep '78

The role of security assistance in maintaining access
to strategic resources. William B. Hanke and
Alwyn H. King. illus Parameters 8:41-50 Sep '78

The role of U.S. security assistance: Its impact on
the recipient nation. LtCol David R. Holmes. illus
Mil Rev 58:68-74 Feb '78

Study finds Iran FMS program confused, misdirected,
poorly-controlled. Armed Forces J Intl 115:10-11
Jan '78

SECURITY CLASSIFICATION

Improper handling of classified material can cause
you problems. TIG Brief 30:5 Sep 8 '78

Secret. (The classification system revised) Arthur F.
Van Cook. Command 1:10-11 Dec '78

Security hazards in printing classified documents.
TIG Brief 30:12 Sep 22 '78

SECURITY CLASSIFICATION - Continued

Transmission of NATO classified material. TIG
Brief 30:9 Aug 25 '78

SECURITY POLICE see Military Police

SEGREGATION

See also

Blacks in the Armed Forces
Race Relations

Education: The long, sure road to desegregation.
C. W. Borklund. illus Govt Exec 10:32+ May '78

Why Black development (in South Africa) will be sepa-
rate or not at all. C. W. Borklund. illus Govt Exec
10:35-36+ Jul '78

SEIBERLICH, Carl J.

(R)ADM (Carl) Seiberlich details personnel problems
(at ROA Service Affairs Conference, Columbus,
Ohio, 1977). RADM John B. Johnson. Officer
54:12 Feb '78

SELECTED RESERVE FORCE

SecDef (Brown) would slash Navy Reserve strength.
illus tab Officer 54:11-12 Mar '78

SELFRIDGE, Thomas E.

First to fly--first to die. (Lt Thomas E. Selfridge,
America's first military air fatality) Translog 9:
back cover Nov-Dec '78

SEMICONDUCTOR DEVICES

The changing world of defense electronics. Bernard
Conrad Cole. illus tabs Elect Warfare/Def Elect
pt 1, The military and the semiconductor industry:
A maturing relationship. 10:37-38+ Jun '78; pt 2,
The impact of LSI microprocessors on the mili-
tary. 10:73+ Jul '78; pt 3, Industry and the mili-
tary: Ironing out the wrinkles. 10:75-76+ Aug '78

Mil-IC market: An endangered species? John D. Shea.
tabs Elect Warfare/Def Elect 10:59-60+ Nov '78

Semiconductor memory: Groundwork for systems im-
provements. Ronald Floyd and others. illus tab
Elect Warfare/Def Elect 10:47+ Nov '78

SENIOR SERVICE SCHOOLS see Staff Colleges

SENNEWALD, Robert W.

New AC (Assistant Commandant, Army Field Artil-
lery School). Fld Arty J 46:14 May-Jun '78

SENSORS

Airborne IR surveys. Lewis E. Link, Jr. illus Mil
Engr 70:246-247 Jul-Aug '78

BETA (Battlefield Exploitation and Target Acquisi-
tion)--basis for a new sensor sorter. Dan Boyle.
illus Intl Def Rev 11, No. 8:1275-1276 '78

The convincing value of IR techniques. Bob Bates and
Lewis E. Link. illus tab AF Engrg & Svcs Qtr 19:
10-13+ Nov '78

Early warning (Platoon Early Warning System). MSgt
Bruce N. Bant. illus Soldiers 33:34-35 Sep '78

SENSORS - Continued

Eyes of Spectre. MSgt Gerald H. Smith. illus Air Reservist 30:12-13 Aug '78

How to improve intrusion detection sensor reliability. TIG Brief 30:22 Jul 7 '78

Silicon sensors: New tools available for military applications. Howard K. Dicken. illus tabs Elect Warfare/Def Elect 10:55-56+ Dec '78

Strapdown inertials open new markets. Barry Miller. illus Elect Warfare/Def Elect 10:71-72+ Mar '78

Tactical ASW & ocean acoustic forecasting. LCDR Alden B. Chace, Jr and LT George V. Galdorisi. US Nav Inst Proc 104:146-147 Mar '78

Tactical C³: The modern challenge. LtGen Robert T. Marsh. illus Signal 33:14-17 Sep '78

Tactical C³: The modernization challenge. (Remarks, Washington Chapter, Armed Forces Communications and Electronics Assoc, Washington, April 6, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 7:8-14 Jul '78

Thermal imaging sensor advances pushed. Barry Miller. illus Elect Warfare/Def Elect 10:41-43+ Apr '78

U.S. Coast Guard remote sensing techniques. LCDR Dennis R. Freezer. illus tab Signal 33:16-18+ Oct '78

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SEPARATION PAY

GAO advice: Overhaul severance pay plans. Richard C. Barnard. AF Times 39:16 Dec 25 '78

Retirement: EM severance pay, vesting. Bruce Callander. AF Times 39:3 Dec 18 '78

SERVICE, NATIONAL see National Service

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

SERVICEMEN'S CLUBS

Declining NCO open mess profitability. TIG Brief 30:16-17 Feb 3 '78

SEX

Court upholds UCMJ sodomy prohibition. AF Times 38:2 Jul 17 '78

Ex-TSgt Leonard Matlovich: The homosexual serviceman is still fighting. illus AF Times, Times Magazine sup:14-15 Feb 20 '78

Height, sex may be weight basis. AF Times 38:6 Jul 10 '78

Homosexuals get a break. AF Times 39:26 Dec 18 '78

SEXTANTS

Autonomous space sextant navigation system. illus Elect Warfare/Def Elect 10:32 Feb '78

SHELTERS

Arctic shelters. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:16-18 Sep '78

A cold regions tactical shelter. Stephen N. Flanders and Wayne Tobliasson. illus Mil Engr 70:332-333 Sep-Oct '78

Nuclear survival. Sgt William F. Britton. illus tabs Aerosp Safety 34:26-28 Jun '78

SHERMAN, Stuart H., Jr

AF Management Engineering Agency. por AF Mag 61: 102 May '78

SHIPBUILDING

Advanced Navy ships. Ronald E. Adler. illus Natl Def 63:40-42+ Nov-Dec '78

The advanced patrol boat--a new range of surface effect ships from Bell-Halter. illus tabs Intl Def Rev 11, No.9:1477-1479 '78

A bipartisan recommendation for naval supremacy: Taft-Hart "White Paper on Defense," 1978 edition. James D. Hossman. illus tab Sea Power 21: 20-22+ Jun '78

The breakdown in naval shipbuilding. John R. Newell. illus US Nav Inst Proc 104:24-31 Jan '78

Canada: Hull down on the horizon. Joseph Fama. illus Def & For Aff Dig 6, No.12:17-21 '78

Crisis and commitment (in a shipping and shipbuilding crisis). RADM George H. Miller, Ret. illus Sea Power 21:20-26 Jan '78

(DefSec) Brown changes his mind--adds ships to '79 supplemental. illus Sea Power 21:16-17 Dec '78

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77; pt 2, Gun-armed FPBs. 10:1110-1114 Dec '77

France as a naval power: Her vessels, shipyards, and aircraft. Claude Niemes. illus NATO's Fifteen Nations 23:104-107 Oct-Nov '78

From the Lupo to the Maestrale. Ugo Mazza. illus tab Intl Def Rev 11, No.5:748-752 '78

Is there a future for naval shipyards? Clinton H. Whitehurst, Jr. illus US Nav Inst Proc 104:30-40 Apr '78

Navy programs gain on Capitol Hill; nuclear carrier approved. L. Edgar Prina. illus Sea Power 21: 13-16 Jun '78

Navy's new 5-year shipbuilding plan is even smaller than last Spring's. tab Armed Forces J Intl 116:13 Dec '78

New shipbuilding cutbacks forecast in FY 80-84 defense plan. L. Edgar Prina. illus Sea Power 21: 14-18 Oct '78

The 1978 Italian Naval Exhibition. illus Intl Def Rev pt 1, Ships and aircraft. 11, No.5:769-772 '78; pt 2, Weapons, sensors and propulsion. 11, No.6: 963-965 '78

Preservation of a tradition. (Apprenticeship of the Maine Maritime Museum) Lance R. Lee. illus US Nav Inst Proc 104:62-75 Sep '78

Rigid-sidewall craft from Hovermarine. Derek Wood. illus tabs Intl Def Rev 11, No.9:1480-1481 '78

SHIPBUILDING - Continued

The Sauro-class submarine. R.J.L.Dicker. illus (Also cutaway) tabs Intl Def Rev 11, No.9:1468-1471 '78

A ship for all reasons: Multi-purpose mobilization ship is designed for both peace and war. James D. Hessman and Ellen D. Bottiny. illus Sea Power 21: 24-26 Dec '78

Submarines, SLCMs, and shipbuilding settlements. James D. Hessman. illus Sea Power 21:36-38 Jul '78

The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No.9: 1472-1476 '78

U.S. Navy ship design. Jan W. Snouck-Hurgronje. illus tab Natl Def 63:34-38 Nov-Dec '78

Costs

Navy moves out on system to eliminate 25-50% of all wiring and cables in ships. illus Armed Forces J Intl 115:16-17 Jul '78

History

The last of the Libertys: A story of the greatest shipbuilding effort in history. Hal Rubin. illus Def Trans J 34:6-8+ Aug '78

Safety Measures

Shipboard fire protection in the shipyard: The inport fire department. CDR M.R. Edwards. illus US Nav Inst Proc 104:125-127 Sep '78

SHIPPING

Entering the intermodal age. Charles I. Hiltzheimer. illus Def Trans J 34:18-22 Jun '78

Whose cargo preference? Irwin M. Heine. illus tabs Sea Power 21:29-36 Mar '78

Costs

House rejects curbs on competitive shipping. AF Times 39:38 Aug 21 '78

International HH shipments face bidding scrutiny on Hill. Len Famiglietti. AF Times 38:4 Feb 20 '78

Today's intermodal disincentives. Karl E. Bakke. illus Def Trans J 34:6-7+ Jun '78

Laws and Regulations

Today's intermodal disincentives. Karl E. Bakke. illus Def Trans J 34:6-7+ Jun '78

U.S. regulation of ocean commerce--help or hindrance. Capt J.W. Clark. illus Def Trans J 34: 40-42+ Jun '78

Russia

The strategic power of Soviet shipping. John Fullerton. illus Def & For Aff Dig 6, No.6:30-31+ '78

USSR's largest sea port (Vostochny) is under construction. Evgeny Novikov. illus Def Trans J 34: 46+ Oct '78

SHIPPING - ContinuedUnited States

Air Force members play important role in distribution of government business to commercial household goods carriers. TIG Brief 30:11 Feb 17 '78

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

Today's intermodal disincentives. Karl E. Bakke. illus Def Trans J 34:6-7+ Jun '78

Unique challenges and opportunities: The ITO (Installation Transportation Officer) and small shipments. Maj Glenn Ahrenholz. illus Translog 9: 2-4 Jan '78

The U.S. Merchant Marine: Time to turn the tide. J. Paul Sticht. illus Sea Power 21:15-20 Nov '78

U.S. regulation of ocean commerce--help or hindrance. Capt J.W. Clark. illus Def Trans J 34: 40-42+ Jun '78

Whose cargo preference? Irwin M. Heine. illus tabs Sea Power 21:29-36 Mar '78

SHIPS

See also specific types of ships. e.g.,

Icebreakers	Tankers
Patrol Boats	Warships

Technology in modern maritime affairs. Capt J.E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

Armament

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77; pt 2, Gun-armed FPBs. 10:1110-1114 Dec '77

RINA (Royal Institution of Naval Architects) symposium on small fast warships and patrol vessels (London, March 7-10, 1978). Rolf Boehe. illus tab Intl Def Rev 11, No.5:746-747 '78

Sea Archer--an alternative technology small ship fire control system. L.M. Cunningham. illus tab Intl Def Rev 10:1107-1109 Dec '77

Characteristics

A new kind of Navy. CDR Timothy J. Keen, Ret. tab illus US Nav Inst Proc 104:32-40 Jan '78

Conversion

From collier to carrier. (CV-1, Langley) Pictorial. US Nav Inst Proc 104:70-75 Oct '78

We rode the covered wagon (CV-1, Langley). RADM Jackson R. Tate, Ret. illus US Nav Inst Proc 104: 62-69 Oct '78

Design

Advanced Navy ships. Ronald E. Adler. illus Natl Def 63:40-42+ Nov-Dec '78

Crisis and commitment (in a shipping and shipbuilding crisis). RADM George H. Miller, Ret. illus Sea Power 21:20-26 Jan '78

SHIPS - ContinuedDesign - Cont'd

FFG-7: The concept and design. CAPT John D. Beecher. illus US Nav Inst Proc 104:148-150 Mar '78

Seakeeping--and the SWATH (Small Waterplane Area Twin Hull) design. LCDR Stephen R. Olson. illus tabs US Nav Inst Proc 104:139-146 Mar '78

Technology and future warship design. Reuven Leopold. illus US Nav Inst Proc 104:36-47 Mar '78

U.S. Navy ship design. Jan W. Snouck-Hurgronje. illus tab Natl Def 63:34-38 Nov-Dec '78

Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78

Fires and Fire Prevention

Shipboard fire protection in the shipyard: The inport fire department. CDR M.R. Edwards. illus US Nav Inst Proc 104:125-127 Sep '78

Loading and Unloading

The Army fleet--vital amphibious link. John F. Sar-gent. illus Natl Def 63:58-60 Jul-Aug '78

Early planning kept defense cargo moving during two-month maritime strike. Maj Dennis Ivan. illus Translog 9:2-4 Feb '78

The LACH (Light Amphibious Container Handler) is an example of rapid R&D. LtCol B.J. Cauley. illus MarCor Gaz 62:62-63 Mar '78

Mothballing

See National Defense Reserve Fleet

Safety Measures

Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78

France

France as a naval power: Her vessels, shipyards, and aircraft. Claude Niemes. illus NATO's Fif-teen Nations 23:104-107 Oct-Nov '78

Great BritainHistory

A "Resolute" reminder. (Britain's search for a Northwest Passage) Geoffrey Wallis. illus US Nav Inst Proc 104:74-75 Jan '78

Turkey

The SAR 33--first of the third generation of FPBs (ordered by the Turkish Coastguard). illus tab Intl Def Rev 11, No. 3:351-352 '78

United States

Changes in status of ships, 1 October 1977-30 Sep-tember 1978. Samuel L. Morison. US Nav Inst Proc 104:119-120 Oct '78

Navy moves out on system to eliminate 25-50% of all wiring and cables in ships. illus Armed Forces J Intl 115:16-17 Jul '78

SHIPS - ContinuedUnited States - Cont'd

Navy's new 5-year shipbuilding plan is even smaller than last Spring's. tab Armed Forces J Intl 116:13 Dec '78

Operational test and evaluation of ships: Policy and practice. CDR Ian E.M. Donovan and LCDR Thomas A. Fitzgibbons. illus Def Sys Mgt Rev 1: 28-44 Winter '77

The violation of the "Liberty." (U.S. electronics in-telligence ship attacked by Israeli fighter-bombers and torpedo boats, June 8, 1967) Richard K. Smith. illus US Nav Inst Proc 104:62-70 Jun '78

Equipment

Navy moves out on system to eliminate 25-50% of all wiring and cables in ships. illus Armed Forces J Intl 115:16-17 Jul '78

Shipboard defense: EW proving its mettle. Richard Hartman. illus Elect Warfare/Def Elect 10:45-50 Aug '78

History

From collier to carrier. (CV-1, Langley) Pictorial. US Nav Inst Proc 104:70-75 Oct '78

A "Resolute" reminder. (Britain's search for a Northwest Passage) Geoffrey Wallis. illus US Nav Inst Proc 104:74-75 Jan '78

We rode the covered wagon (CV-1, Langley). RADM Jackson R. Tate, Ret. illus US Nav Inst Proc 104: 62-69 Oct '78

Maintenance and Repair

Maintenance management and combat readiness. CAPT Carl A. Nelson. illus US Nav Inst Proc 104: 103-105 Jul '78

The shore intermediate maintenance activity concept in being. RADM F.C. Collins, Jr. illus US Nav Inst Proc 104:108-110 Jul '78

SHIPS, CARGO see Ships, TransportSHIPS, CONTAINER see Ships, TransportSHIPS, NUCLEAR POWEREDSee also

Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

SHIPS, TRANSPORT

Entering the intermodal age. Charles I. Hiltzheimer. illus Def Trans J 34:18-22 Jun '78

Russia

The strategic power of Soviet shipping. John Fullerton. illus Def & For Aff Dig 6, No. 6:30-31+ '78

United States

Containerized weapons ... and merchant warships. Norman Polmar. illus US Nav Inst Proc 104:133-136 Mar '78

Navy expects static testing of RMSD (Reserve Mer-chant Ship Defense) System next fall. illus Officer 54:13 Jan '78

SHIPS, TRANSPORT - ContinuedUnited States - Cont'd

A ship for all reasons: Multi-purpose mobilization ship is designed for both peace and war. James D. Hessman and Ellen D. Bottiny. illus Sea Power 21: 24-26 Dec '78

History

The last of the Libertys: A story of the greatest ship-building effort in history. Hal Rubin. illus Def Trans J 34:6-8+ Aug '78

SHIPYARDS see Shipbuilding

SHOCK WAVES

Weapon effects primer. LCDR Charles R. Jones. illus US Nav Inst Proc 104:50-55 Jan '78

SHOEMAKER, Robert M.

Managing training to close the gaps. Gen Robert M. Shoemaker. por Army 28:46-49 Oct '78

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIGHTSee also

Eyes

Comparison of the visual perception of a runway model in pilots and nonpilots during simulated night landing approaches. Henry W. Mertens. illus tabs Aviation, Space & Envt Med 49:1043-1055 Sep '78

Night viewing devices. Charles Latour. illus tab NATO's Fifteen Nations 23:94+ Feb-Mar '78

Night vision goggle: Human factors aspects of the AN/PVS-5. Maj William C. Wood. illus USA Avn Dig 24:32-35 Jul '78

We can see at night. Capt Donald B. Skipper. illus Infantry 68:40-41 Nov-Dec '78

SIGNAL CORPS

Shoot ... move ... communicate. Eric C. Ludvigsen. illus Army 28:30-34 Apr '78

SIGNAL SCHOOL see Army Signal School

SIGNALS AND SIGNALING

Send-A-Message (SAM). WO1 Gary W. Helmer. illus tab USA Avn Dig 24:20-22 Jul '78

'Zogging.' ACM David Lee. illus Royal Air Forces Qtr 18:133-138 Summer '78

SILER, Owen W.

Admiral (John B.) Hayes succeeds Siler as CG leader. Officer 54:14 Jul '78

The Siler years: Challenge & accomplishment--a story about today's Coast Guard. por Def Trans J 34:21-22+ Apr '78

Uncommon men. (ADMs James L. Holloway III and Owen W. Siler retire from Navy and Coast Guard) Editorial. por Officer 54:8 Jul '78

SILVER

Stretching procurement dollars. (DOD Precious Metals Recovery Program (PMRP)) tab TIG Brief 30:10 Aug 25 '78

SIMOKAITIS, Frank J.

Bowing in, out. (MajGen Frank J. Simokaitis retires as Commandant of AFIT and Defense Institute of Security Assistance Management and MajGen Gerald E. Cooke assumes command of the two organizations) por AF Times 38:26 May 15 '78

SIMULATION METHODS

An application of logistic support models. Henry C. Okraski. illus Log Spectrum 12:25-29 Summer '78

The bottom line. Capt Clyde B. Phillips. illus USAF Ftr Wpns Rev, pp 20-25, Winter '77

Developing battle simulations: The road beyond war games. LtCol Junius R. Alexander and Maj Jesse W. Miller, Jr. illus Mil Rev 58:50-59 Sep '78

EW: The unique weapon. Terry E. Bibbens. illus Signal 32:18-23 Mar '78

The goggles that turn off the sun. (LADs, Light-Attenuation Devices) Paul R. Bleda and LtCol Thomas M. Johnson. illus Army 28:36-39 Mar '78

Making DTLSC (Design-To-Logistic-Support Cost) work: Two essential elements. L. F. Eliel. illus tabs Log Spectrum 11:24-30 Winter '77

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. illus tabs Signal 32:67-70+ May-Jun '78

Microprogrammed emulation helps solve difficult design problems. Kenneth J. Thurber. illus tabs Elect Warfare/Def Elect 10:93-95+ Mar '78

Nuclear weapons: Watch out for simulation. TIG Brief 30:19 Feb 17 '78

Readiness: Project Checkmate. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Sep '78

Realtrain: A critique. Paul R. Bleda. illus tabs Army 28:34-37 Nov '78

SFT (Simulation For Training). Murry Shohat. Mil Elect/Countermeasures 4:50 Aug '78

Simulated antitorque training proven effective. illus tab USA Avn Dig 24:30-32 Jun '78

Simulation breakthroughs: A solution to complex combat problems. illus tabs Elect Warfare/Def Elect 10:53-57+ Jul '78

Simulation--an effective military strategy. Editorial. Julian S. Lake. illus Mil Elect/Countermeasures 4:25 Oct '78

Survey training indoors? Capts Frank W. Kocman and Charles E. Myers. illus Fld Arty J 46:32-35 May-Jun '78

Taking the worry out of being close. Capt Terry J. Walter. illus TAC Attack 18:12-13 Dec '78

War games and computers in TRADOC. William Oliver Hedgepeth. illus Mil Rev 58:26-32 Jul '78

A war for science. LtCol J. W. Stokes and L. E. Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

SIMULATORSSee also

Flight Simulators

Air defense role for C³ simulator. illus Mil Elect/Countermeasures 4:32+ Nov '78

Altitude physiology training--yes or no. Maj Peter J. Edgette. illus tab USA Avn Dig 24:36-37 Jun '78

Computer Aided Operations Research Facility (CAORF). (Surface ship simulator) CDR John E. Manning. illus US Nav Inst Proc 104:113-115 Jan '78

Design simulators for armored vehicles. Allan S. Chace. illus Armor 87:26-28 Jan-Feb '78

Do it in Oklahoma? Capt James J. Lawrence. illus Aerosp Safety 34:6-11 Aug '78

Gepard (tank) support infrastructure. Joachim Mayer. illus Intl Def Rev 11, No. 3:412-416 '78

Master Gunner--a new approach to training artillery forward observers. B. R. Easdale. illus Intl Def Rev 11, No. 4:617 '78

Radar training--the digital mandate. R. A. Heartz. illus Mil Elect/Countermeasures 4:57-59+ Oct '78

Satellite \$: Saving by 'line of sight.' (RADC's Digital Communications Experimental Facility) AF Times 38:31 Apr 3 '78

Simulation--an effective military strategy. Editorial. Julian S. Lake. illus Mil Elect/Countermeasures 4:25 Oct '78

The Talissi weapon fire simulator. Hans Joachim Jung. illus tabs Intl Def Rev 10:1135-1138 Dec '77

Tank training simulators. R. M. Ogorkiewicz. illus Intl Def Rev 11, No. 2:237-242 '78

Training devices. Maj Douglas J. Richardson. Armor 87:52-53 Jul-Aug '78

SINGLE MANAGER SYSTEM

The Air Force goes to market. Capt M. Patricia Holden. illus Airman 22:11-15 Jul '78

Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78

Army ammunition production base (a behind-the-scene look). Maj Thomas E. Smalls. illus Army Log 10:2-4 May-Jun '78

Deputy Program Manager for Logistics: The flexible manager. TIG Brief 30:12 May 12 '78

Military Sealift Command container service--a decade of progress. Howard Cradick. illus Def Trans J 34:34-39 Jun '78

Needed: A USAF Support Command. LtCol Norman H. Runge. AU Rev 29:73-75 May-Jun '78

(7th Signal Command's Operations Command re-named Pentagon Communications Command) Signal 32:92 Mar '78

SIX-DAY WAR see Middle East Crisis, 1967SKI TROOPS

Biathlon (cross-country skiing with rifle marksmanship) shoots ahead (at Camp Ripley, Minn). 1stLt John L. Plaster. illus Soldiers 33:28-31 Jun '78

SKY MARSHALS see Airplane Hijacking--PreventionSLAY, Alton D.

Air Force R&D programs. LtGen Alton D. Slay. Natl Def pt 1, 62:386-389 Mar-Apr '78; pt 2, 62:551-552+ May-Jun '78

Air Force Systems Command. por AF Mag 61:66-67 May '78

Fighter productivity. Gen Alton D. Slay. NATO's Fifteen Nations 23:75-78 Aug-Sep '78

Managing modern electronics. Gen Alton D. Slay. por AF Mag 61:42-45 Jul '78

A question of structure. (Excerpts from address, EASCON, Washington, 1978) Gen Alton D. Slay. por Elect Warfare/Def Elect 10:11-12+ Dec '78

SLEEP

Effects of high ambient temperature on sleep in young men. Ismet Karacan and others. tabs Aviation, Space & Envmt Med 49:855-860 Jul '78

Performance, mood, and clinical symptoms in men exposed to prolonged, severe physical work and sleep deprivation. Per Kristian Opstad and others. illus tabs Aviation, Space & Envmt Med 49:1065-1073 Sep '78

Sinking spells. illus USA Avn Dig 24:8-9 Feb '78; Aerosp Safety 34:8-9 Mar '78

Sustained operations and sleep deprivation: Effects on indices of stress. R. P. Francesconi and others. illus Aviation, Space & Envmt Med 49:1271-1274 Nov '78

SMALL ARMSSee alsoPistols
Rifles

Caliber .38 revolver incidents. TIG Brief 30:3 May 12 '78

Changes in security police weapons handling requirements. TIG Brief 30:13 Mar 31 '78

Choose your weapons. Capt Alan J. Sariego. tabs USA Avn Dig 24:28-29 Nov '78

Developing the hamburger yardstick. LtCol Anthony R. Nollett, Ret. illus MarCor Gaz 62:17-20 Dec '78

Foreign weapons. Regular feature in some issues of National Defense

Intransit security of firearms and conventional munitions. TIG Brief 30:18 Mar 17 '78

The 1911 caliber .45 reconsidered. Capt Stanley A. Gregory. tab USA Avn Dig 24:30-31 Nov '78

Padlock requirements: Firearms and munitions security. TIG Brief 30:7 Oct 6 '78

SMALL ARMS - Continued

What does the future hold for a family of small arms? Maj S.P.Mehl. MarCor Gaz 62:58-59 Mar '78

History

From worker to arms designer (V.A. Degtyaryov). LtCol N. Yelshin. illus tab Soviet Mil Rev No.3: 25-27 Mar '78

Testing

The NATO small arms trials. A.J.R. Cormack. illus tab Intl Def Rev 11, No.7:1043-1048 '78

SMALL BUSINESS

AFCEA--good for small business? Lewis A. Bondon. illus Signal 32:36-37 Apr '78

How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78

Minority businesses taking wing under the Air Force. MajGen James W. Stansberry. illus Def Mgt J 14: 40-43 Jan '78

Negotiating 8(a) contracts. TIG Brief 30:13 Jul 7 '78

Public law 95-507: Will it create another monster? (A critique of small business contracting) Jean Skorupski. Govt Exec 10:53-54 Dec '78

Small/minority business contracting: Why government's program is a flop. (Interview with Jean Skorupski) illus Govt Exec 10:38-40 Nov '78

SMITH, Homer D., Jr

Direct support maintenance--new or tried and true? MajGen Homer D. Smith and Maj Robert P. McFarlin. Army Log 10:12-15 Jul-Aug '78

SMITH, James C.

Aeroscout training. MajGen James C. Smith. USA Avn Dig 24:2-3 Feb '78

Army Aviation in the Pacific. MajGen James C. Smith. por USA Avn Dig 24:1+ May '78

SMITH, Levering

Back to Pearl Harbor: In a manner of speaking. (Address, National Security Industrial Assoc, Spring 1978) VADM Levering Smith, Ret. Govt Exec 10: 34+ Aug '78

SMITH, Oliver P.

Gen Oliver P. Smith's life was a commitment to excellence. Maj Michael F. Shisler. por MarCor Gaz 62:42-48 Nov '78

SMITH, Robert N.

Smith optimistic on future health care. Interview. Robert N. Smith. por AF Times 38:25 Jan 30 '78

SMITH, William Y.

The Soviet Armed Forces. (Presentation, seminar sponsored by the Council on Foreign Relations and the Kennan Institute for Advanced Russian Studies, Washington, May 5, 1978) LtGen W.Y. Smith. AF Plcy Ltr for Comdrs: Sup No.8:12-23 Aug '78

SMOKE

A concept for countering smoke. Maj Arley H. McCormick. illus Mil Rev 58:2-9 Dec '78

Smoke. LtCol James C. Fargo. illus Armor 87:26-27 Sep-Oct '78

Smoke detectors: Do they work? TIG Brief 30:10 Apr 28 '78

We don't blow enough smoke! LtCol Raymond E. Bell, Jr and Capt Terry J. Treat. illus Armor 87:16-19 Mar-Apr '78

SMOKING

Carbon monoxide and the aviator (or, what altitude did you reach from one cigarette?). Col Frank S. Pettyjohn and others. illus tab USA Avn Dig 24: 28-31 Feb '78

Carboxyhemoglobin levels during a submarine patrol. K.R. Bondi and others. tabs Aviation, Space & Envmt Med 49:851-854 Jul '78

Filtered in the field: The Pentagon's new antismoking policies have plenty of ifs, ands, and buts. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-10 Oct 9 '78

HEW takes a stand against smoking. (From testimony before Subcommittee on Health and the Environment of the House Interstate and Foreign Commerce Committee, Feb 15, 1978) Joseph A. Califano, Jr. illus Review 57:34+ Mar-Apr '78

Hypoxia, smoking history, and exercise. Jeames A. Wagner and others. illus tabs Aviation, Space & Envmt Med 49:785-791 Jun '78

In defense of smoking. Ross R. Millhiser. (Reprinted from New York Times, Jan 12, 1978) Review 57:29+ Mar-Apr '78

Me quit? How? (Reprinted from Approach, Sep 1973) tabs illus USA Avn Dig 24:31+ Mar '78

The most important decision of your life. LtCol Harold Andersen. illus TAC Attack 18:26-28 Feb '78

Reg (AFR 30-27) bans smoking in many areas. Ron Sanders. AF Times 38:1+ Apr 3 '78

Smoking: Effects on pilot performance. Maj William E. DeBree. illus USA Avn Dig 24:30+ Mar '78

SMUGGLING see Customs ServiceSNOW REMOVAL

Airlift assistance to Rhode Island. (Statement before Senate Regional and Community Development Subcommittee, March 7, 1978) MajGen Edward J. Nash. AF Plcy Ltr for Comdrs: Sup No.5:28-32 May '78

The blizzard of '78: Guardsmen aid battle for survival in 21 storm-battered northeastern states. illus Natl Guardsman 32:2-13+ Apr '78

Fix snow shovels. (The Army attacks winter, 1978) illus Army 28:20-22 Mar '78

Neither snow nor wind nor gloom of night... illus Air Reservist 30:12-14 Apr '78

Snow Blow II. (Boston is helped by AF and Army during record snowstorms) illus Airman 22:30-35 Apr '78

SOCIAL CHANGE

Availability of defense manpower. Thomas L. McFadden. illus tabs Natl Def 62:462-473+ Mar-Apr '78

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

Let's be sensible about Soviet-American trade. Donald Kendall. illus Govt Exec 10:32-33+ Nov '78

The logistician: An agent of change. John W. Demidovich and Maj Jerome G. Peppers, Jr, Ret. illus tab Log Spectrum 12:16-22 Spring '78

Military Institute of the Future. Anthony L. Wermuth. illus Natl Def 63:47-49+ Sep-Oct '78

Why Black development (in South Africa) will be separate or not at all. C.W. Borklund. illus Govt Exec 10:35-36+ Jul '78

Women in combat? Change moral values first. Anthony J. Daniels. illus AF Times, Times Magazine sup:12 Sep 18 '78

A world in mutation. (Address, Huntingdon College, Montgomery, Ala, Oct 14, 1977) John Patrick Walsh. illus Log Spectrum 12:5-10 Spring '78

SOCIAL PROBLEMS AND THE MILITARY

Why are we killing ourselves? Patricia Barnes. illus Soldiers 33:22-24 Mar '78

SOCIAL SECURITY

Administration considers 'annual' retired COL hike. AF Times 38:4 Jan 30 '78

GAO says SBP overpay need not be paid back. AF Times 39:5 Oct 9 '78

Hill's Yule gift: Higher SS taxes. tab AF Times 38:2 Jan 1 '78

New monthly deductions for Social Security. Table only. AF Times 38:10 Jan 23 '78

New Social Security regs will lower some benefits. AF Times 39:21 Aug 28 '78

The right to social security (in Russia). Soviet Mil Rev No. 8:13 Aug '78

SOCIALIST REPUBLIC OF VIETNAM see Vietnam (Socialist Republic)SOCIETY OF AMERICAN MILITARY ENGINEERS

58th Annual Meeting of the Society (New Orleans, April 26-29, 1978). illus Mil Engr 70:269-278 Jul-Aug '78

(Military engineering--a national asset) Interview. LtGen John W. Morris. illus Mil Engr 70:234-237 Jul-Aug '78

SOCIETY OF LOGISTICS ENGINEERS

The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum

The Certified Professional Logistician in SOLE. Benjamin S. Blanchard. illus tabs Log Spectrum 12: 11-15 Fall '78

SOCIETY OF LOGISTICS ENGINEERS - Continued

Implementation of integrated logistics support. (Address, 12th Annual International Logistics Symposium of SOLE, San Diego, Calif, Aug 17, 1977) VADM Vincent A. Lascara. Log Spectrum 11:6-8 Winter '77

SOILS

Pavements in cold regions. Robert A. Eaton. illus tab Mil Engr 70:106-108 Mar-Apr '78

SOLAR ENERGYSee also

Satellites, Artificial--Solar Energy Applications

Air Force solar energy programs. AF Plcy Ltr for Comdrs: Sup No. 3:38-39 Mar '78

The hybrid solar-electric service concept. Capt Michael A. Aimone. illus tabs Mil Engr 70:17-19 Jan-Feb '78

Solar energy program at the (AF) Academy. Capts Anthony Eden and John T. Tinsley. illus tabs AF Engrg & Svcs Qtr 19:11-14 Feb '78

Solar power. Janet Hake. illus Soldiers 33:12-14 Jan '78

'Space' ideas point way to energy saving (by the average family). AF Times 39:50 Sep 25 '78

Costs

Solar power satellites: Why the push is on. illus Govt Exec 10:14-15+ Jul '78

SOLDIERSHistory

Foot soldiers of the Crusades. John Koster. illus Infantry 68:38-42 Sep-Oct '78

Foot soldiers of the Dark Ages. John Koster. illus Infantry pt 1, Romans and barbarians. 68:34-38 Jan-Feb '78; pt 2, Arabs, Franks, and Saxons. 68:38-43 Mar-Apr '78; pt 3, Norsemen and Normans. 68:40-47 May-Jun '78

AfricaHistory

African soldiers in World War II. Rita Headrick. Armed Forces & Soc 4:501-526 Spring '78

Russia

Know your enemy. Capt Milan J. Franceschi. illus Aerosp Safety 34:11-12 Nov '78

The Soviet soldier: A Spartan in the age of Aquarius. Regis P. Sheehan. illus MarCor Gaz 62:36-40 Oct '78

United States

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

SOLDIERS - ContinuedUnited States - Cont'd

Enlisted career notes. Regular feature in issues of Infantry

GI housing: Changes in the wind. Bob Gatty. illus Army 28:27-29 Apr '78

Pvt Hackett. Capt Robert B. Killebrew. illus Army 28:21-23 Jan '78

Retiring (Army) Vice Chief says keep soldier in mind. Gen Walter T. Kerwin, Jr. illus Officer 54:6 Aug '78

History

Many athletes become fine soldiers. MajGen A.S. Newman. illus Army 28:57-58 Mar '78

SOLDIERS' HOME

(Lt)General (George H.) McKee (Ret) to head Soldiers' Home. AF Times 39:41 Nov '78

Soldiers' Home eyes EM in top slots. AF Times 38:33 Apr 10 '78

SOLOMON ISLANDS

Memories and impressions: Guadalcanal and Tulagi, 1978. BrigGen Samuel B. Griffith II, Ret. illus MarCor Gaz 62:49-56 Nov '78

SONAR

Naval technology: Passive sonar has the edge. William D. O'Neil. illus US Nav Inst Proc 104:105-107 Apr '78

The Sauro-class submarine. R.J.L. Dicker. illus (Also cutaway) tabs Intl Def Rev 11, No.9:1468-1471 '78

Tactical ASW & ocean acoustic forecasting. LCDR Alden B. Chace, Jr and LT George V. Galdorisi. US Nav Inst Proc 104:146-147 Mar '78

The tripartite minehunter--a model for international cooperation? Capt F. de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No.9: 1472-1476 '78

Study and Teaching

Sonarmen training. Capt I. Kedrov. illus Soviet Mil Rev No. 11:20-21 Nov '78

SONIC BOOM

Sonic boom claims. TIG Brief 30:19 Aug 25 '78

Sonic boom claims. TIG Brief 30:15 Oct 20 '78

SOUND RECORDING AND REPRODUCING

Proper use of sound recordings. TIG Brief 30:7 Dec 15 '78

SOUTH AFRICA (REPUBLIC)

Africa: Military menace from the south. V. Yefremov. Soviet Mil Rev No. 2:50-51 Feb '78

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

SOUTH AFRICA (REPUBLIC) - Continued

The wolf at the door--an appraisal of South Africa. John Fullerton. illus Def & For Aff Dig 6, No.7: 2-6+ '78

Economic Conditions

Economic development: The short sure road to desegregation. C.W. Borklund. illus Govt Exec 10: 42+ Jun '78

Foreign RelationsIsrael

Israeli-South African trade: An analysis of recent developments. Maj Gerald J. Keller. Nav War Col Rev 30:74-80 Spring '78

Politics and Government

America's apparent Africa policy. illus Govt Exec 10:47-49+ Feb '78

Can South Africa handle "one man, one vote" ... once? illus map Govt Exec 10:30-33 Jan '78

Social Conditions

Corporations, human rights & South Africa. Editorial. W.C. Norris. Govt Exec 10:25+ Nov '78

Education: The long, sure road to desegregation. C.W. Borklund. illus Govt Exec 10:32+ May '78

Foredoomed regime. (Racist regime of the Republic of South Africa) M. Zenovich. Soviet Mil Rev No. 11:54-55 Nov '78

Why Black development (in South Africa) will be separate or not at all. C.W. Borklund. illus Govt Exec 10:35-36+ Jul '78

Strategic Importance

South Africa's naval future. (Interview with VAdm J.C. Walter) John Fullerton. illus Def & For Aff Dig 6, No.7:24+ '78

Will the arms embargo leave South Africa defenseless? illus Govt Exec 10:29+ Apr '78

SOUTHERN COMMANDSee also

Air Force Southern Air Division (TAC)

SOVIET UNION see Russia

SPAATZ, Carl A.

Never a Question Mark. (Historic flight proved that in-flight refueling was practical) Maj Jay B. Welsh. (Reprinted from Airman, March 1976) per Airman 22:9-13 Dec '78

SPACECommercial Applications

The extraterrestrial imperative. Krafft A. Ehrlicke. illus AU Rev 29:2-20 Jan-Feb '78

Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78

Exhibitions

Space pioneers. Janet Hake. illus Soldiers 33:12-13 Apr '78

SPACE - ContinuedInternational Aspects

Command of the air; Command of space? E.M. Fitzgerald. RUSI J for Def Studies 122:45-52 Dec '77

What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

Military ApplicationsSee also

Space Warfare

Air Force objectives in space. LtCol Charles H. MacGregor and Maj Lee H. Livingston. illus AU Rev 29:59-62 Jul-Aug '78

Air Force role in space. AF Plcy Ltr for Comdrs: Sup No.3:32-35 Mar '78

Bistatic radar may find a "sanctuary" in space. James Fawcette. illus tabs Elect Warfare/Def Elect 10:84-86+ Jan '78

Satellites, sensors, and space stations: The next war at sea could start in outer space. William Ruhe. illus Sea Power 21:25-30 Sep '78

Space now and beyond the shuttle. (Remarks, Andrews AFB, Md, Junior Officers Council Dining Out, July 28, 1978) MajGen Edwin A.Coy. AF Plcy Ltr for Comdrs: Sup No.11:11-17 Nov '78

What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

Peaceful Applications

See Aerospace Power--Peaceful Applications

Scientific ApplicationsSee also

Satellites, Artificial--Scientific Uses

The extraterrestrial imperative. Krafft A.Ehrlicke. illus AU Rev 29:2-20 Jan-Feb '78

SPACE AND MISSILE SYSTEMS ORGANIZATION

Dynamic new duo. (Inertial Upper Stage and the space shuttle--part of the Space Transportation System) James A.George. illus Airman 22:26-32 Jun '78

SAMSO plans KC-135 lasercom evaluation. illus Elect Warfare/Def Elect 10:38 Apr '78

SAMSO space tech programs detailed. illus Elect Warfare/Def Elect 10:63-65 Oct '78

SPACE AND MISSILE TEST CENTER

SAMTEC: Space (And) Missile TEst (Center) bed. illus AF Times 38:18 Jan 23 '78

SPACE COMMUNICATIONSSee also

Satellites, Artificial--Communication Applications

Expanded military satcom effort set. Frank J. Moncrief. illus Elect Warfare/Def Elect 10:57-60 Oct '78

SAMSO plans KC-135 lasercom evaluation. illus Elect Warfare/Def Elect 10:38 Apr '78

SPACE COMMUNICATIONS - Continued

Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78

Space laser communications airborne. illus Elect Warfare/Def Elect 10:49+ Oct '78

SPACE CREWSSee also

Astronauts

Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4. R.A.Tigranian and A.S.Ushakov. tabs Aviation, Space & Envmt Med 49:1074-1079 Sep '78

SPACE DEFENSES

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

NORAD/ADCOM: A growing role in space. Edgar Ulsamer. illus AF Mag 61:28-33 Aug '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

SPACE FEEDING

Space rations: The Army says "so long" to C-rations. MSgt Matt Glasgow. illus Soldiers 33:50 Dec '78

SPACE FLIGHT

Missiles and astronautics. Regular feature in some issues of National Defense

The next 20 years in space. (Remarks at the Goddard dinner, National Space Club, Washington, March 10, 1978) Hans M.Mark. AF Plcy Ltr for Comdrs: Sup No.5:2-8 May '78

A place in space. Airman 22:49 Dec '78

Commercial Applications

See Space--Commercial Applications

International Aspects

See Space--International Aspects

Manned Flights, AmericanSee also

Space Project--Mercury

Manned Flights, Russian

The longest manned flight. illus Soviet Mil Rev No.5: 26-27 May '78

Physiological AspectsSee also

Weightlessness

Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782. Henry A.Leon and others. tab Aviation, Space & Envmt Med 49:66-69 Jan '78

Effect of dehydration on erythropoiesis in mice: Relevance to the "anemia" of space flight. C.D.R. Dunn. illus tab Aviation, Space & Envmt Med 49: 990-993 Aug '78

SPACE FLIGHT - ContinuedPhysiological Aspects - Cont'd

Laryngeal problems in space travel. Francis E. Le-Jeune, Jr. illus Aviation, Space & Envmt Med 49: 1347-1349 Nov '78

Peculiar characteristics of crewmembers' metabolism on the second expedition aboard orbital station Salyut-4. R.A. Tigranian and A.S. Ushakov. tabs Aviation, Space & Envmt Med 49:1074-1079 Sep '78

Radiobiological experiment aboard the biosatellite Cosmos-690. O.G. Gazenko and others. illus tabs Aviation, Space & Envmt Med 49:42-46 Jan '78

SPACE FLIGHT TO VENUS

Pioneer probes Venus. illus Interavia 33:659-660 Jul '78

(Second part of 'multiprobe' Pioneer Venus program) Signal 33:82 Oct '78

SPACE INDUSTRY AND TRADE see Aerospace Industry and TradeSPACE LABORATORIES see Space StationsSPACE LAW

What Vought's doing without an airplane. Govt Exec 10:50+ Jun '78

SPACE MEDICINESee also

Space Flight--Physiological Aspects

Current status of space medicine and exobiology. William R. Douglas. Aviation, Space & Envmt Med 49:902-904 Jul '78

SPACE NAVIGATIONSee also

Satellites, Artificial--Navigation Applications

Autonomous space sextant navigation system. illus Elect Warfare/Def Elect 10:32 Feb '78

SPACE POLICYRussia

Soviet space activities in 1977. Charles S. Sheldon II. illus tabs AF Mag 61:74-77 Mar '78

United States

Air Force objectives in space. LtCol Charles H. MacGregor and Maj Lee H. Livingston. illus AU Rev 29:59-62 Jul-Aug '78

Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78

SPACE PROGRAMS

Aerospace review. Regular feature in issues of Aerospace International

Aerospace world. Regular feature in issues of Air Force Magazine

The world of aerospace. Regular feature in issues of Interavia

SPACE PROGRAMS - ContinuedEurope, Western

Ariane right on course: Europe's workhorse launcher set for final qualification. Chris Bulloch. illus tabs Interavia 33:731-735 Aug '78

Ariane--the European launcher. illus Aerosp Intl 14:18 Aug-Sep '78

ERNO: Spacelab--present, future, and other activities. (Interview with Bernd Kosegarten) Erhard Heckmann. illus Aerosp Intl 14:8-9+ Aug-Sep '78

Europe's contribution to manned spaceflight: Spacelab. illus tabs Aerosp Intl 14:13-17 Aug-Sep '78

Europe's space effort--a vital luxury? Chris Bulloch. illus map tabs Interavia 33:847-851 Sep '78

Europe's Spacelab begins to take shape. Chris Bulloch. illus tab Interavia 33:311-314 Apr '78

Hydrazine technology. tab Aerosp Intl 14:19 Aug-Sep '78

Today's civilian satellites. Anatol Johansson. illus Aerosp Intl 14:24+ Oct-Nov '78

Germany (Federal Republic)

The practical space age begins? (Survey of West German space programs) illus tab Interavia 33:308-310 Apr '78

Russia

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

Makeup of "Salyut-6." N. Fefelov. illus Soviet Mil Rev No. 10:37-38 Oct '78

Russian hunter-killer satellite experiments. G.E. Perry. illus Royal Air Forces Qtr 17:328-335 Winter '77; Condensation. Mil Rev 58:50-57 Oct '78

Russian ocean surveillance satellites. G.E. Perry. illus map tabs Royal Air Forces Qtr 18:60-67 Spring '78

The Salyut 6 mission--Soviet rehearsal for a permanent space station? Eduard A. Konstantin. illus tabs Interavia 33:1081-1085 Nov '78

Soviet space activities in 1977. Charles S. Sheldon II. illus tabs AF Mag 61:74-77 Mar '78

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

War in space. Richard Hartman. illus Elect Warfare/Def Elect 10:34-36+ Oct '78

United States

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

War in space. Richard Hartman. illus Elect Warfare/Def Elect 10:34-36+ Oct '78

SPACE PROGRAMS - ContinuedUnited States--Air Force

Air Force objectives in space. LtCol Charles H. MacGregor and Maj Lee H. Livingston. illus AU Rev 29:59-62 Jul-Aug '78

Air Force role in space. AF Plcy Ltr for Comdrs: Sup No.3:32-35 Mar '78

Is military Space Command likely? Bruce Callander. AF Times 39:34-35 Nov 20 '78

SAMSO space tech programs detailed. illus Elect Warfare/Def Elect 10:63-65 Oct '78

Space now and beyond the shuttle. (Remarks, Andrews AFB, Md, Junior Officers Council Dining Out, July 28, 1978) MajGen Edwin A. Coy. AF Plcy Ltr for Comdrs: Sup No.11:11-17 Nov '78

U. S. -- National Aeronautics and Space Administration

Is military Space Command likely? Bruce Callander. AF Times 39:34-35 Nov 20 '78

NASA planned satellite launch schedule, 1978. Table only. Interavia 33:94 Feb '78

The space transport--transportation system of the future. CAPT Chester M. Lee, Ret. illus tabs Def Trans J 34:6-8+ Dec '78

SPACE PROJECTMercury

Beyond the wild blue yonder. SMSgt Hal Bamford. (Reprinted from Airman, Oct 1960) illus Airman 22:34-38 Dec '78

Pioneer

Pioneer probes Venus. illus Interavia 33:659-660 Jul '78

(Second part of 'multiprobe' Pioneer Venus program) Signal 33:82 Oct '78

Vanguard

Oldest satellite (Vanguard I) marks 20 years circling earth. AF Times 38:28 May 1 '78

SPACE RACESee also

Space--International Aspects

SPACE RESEARCHSee also

Space--International Aspects
Space Medicine
Space Programs

Aerospace review. Regular feature in issues of Aerospace International

Brazil uses U.S. system in study of ionosphere. AF Times 38:28 Feb 20 '78

Russia

Space research for man's benefit. illus Soviet Mil Rev No.7:28-30 Jul '78

SPACE RESEARCH - ContinuedUnited States

The next 20 years in space. (Remarks at the Goddard dinner, National Space Club, Washington, March 10, 1978) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No.5:2-8 May '78

United States--Air Force

SAMSO space tech programs detailed. illus Elect Warfare/Def Elect 10:63-65 Oct '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

SPACE SHUTTLES see Space Transporters

SPACE STATIONS

ERNO: Spacelab--present, future, and other activities. (Interview with Bernd Kosegarten) Erhard Heckmann. illus Aerosp Intl 14:8-9+ Aug-Sep '78

Europe's contribution to manned spaceflight: Spacelab. illus tabs Aerosp Intl 14:13-17 Aug-Sep '78

The longest manned flight. illus Soviet Mil Rev No.5: 26-27 May '78

Makeup of "Salyut-6." N. Fefelov. illus Soviet Mil Rev No.10:37-38 Oct '78

The Salyut 6 mission--Soviet rehearsal for a permanent space station? Eduard A. Konstantin. illus tabs Interavia 33:1081-1085 Nov '78

Design

Europe's Spacelab begins to take shape. Chris Bulloch. illus tab Interavia 33:311-314 Apr '78

Space colonization--some physiological perspectives. Lawrence H. Winkler. tabs Aviation, Space & Envmt Med 49:898-901 Jul '78

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

Dynamic new duo. (Inertial Upper Stage and the space shuttle--part of the Space Transportation System) James A. George. illus Airman 22:26-32 Jun '78

Large structures in space planned. illus Elect Warfare/Def Elect 10:54-55 Oct '78

Space: Is it still really an infant? illus Govt Exec 10:22+ Dec '78

Space now and beyond the shuttle. (Remarks, Andrews AFB, Md, Junior Officers Council Dining Out, July 28, 1978) MajGen Edwin A. Coy. AF Plcy Ltr for Comdrs: Sup No.11:11-17 Nov '78

Space shuttle. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:40+ Dec '77-Jan '78

Space shuttle. (Remarks, Alexander von Humboldt Foundation, Dusseldorf, Ger, May 29, 1978) Hans Mark. AF Plcy Ltr for Comdrs: Sup No.10:16-21 Oct '78

Space shuttle status report--less than a year to go? Chris Bulloch. illus Interavia 33:1085-1086 Nov '78

SPACE TRANSPORTERS - Continued

The space transport--transportation system of the future. CAPT Chester M. Lee, Ret. illus tabs Def Trans J 34:6-8+ Dec '78

The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

10 in AF start (space) shuttle training. AF Times 38:12 Jul 24 '78

10 in AF to get shuttle training. AF Times 38:24 Jan 30 '78

SPACE VEHICLESSee also

Satellites, Artificial
Space Stations
Space Transporters

Design

Large structures in space planned. illus Elect Warfare/Def Elect 10:54-55 Oct '78

Launching

Ariane right on course: Europe's workhorse launcher set for final qualification. Chris Bulloch. illus tabs Interavia 33:731-735 Aug '78

Ariane--the European launcher. illus Aerosp Intl 14:18 Aug-Sep '78

International cosmic port. (Baikonur Cosmodrome) Col M. Rebrov. illus Soviet Mil Rev No.3:38-39+ Mar '78

Testing

Optimizing space vehicle test programs. George J. Gleghorn. illus Def Sys Mgt Rev 1:51-58 Winter '77

SPACE WARFARE

Command of the air: Command of space? E. M. Fitzgerald. RUSI J for Def Studies 122:45-52 Dec '77

USA-USSR: The real "Starwar." Anatol Johansson. illus Aerosp Intl 14:4-6 Aug-Sep '78

War in space. Richard Hartman. illus Elect Warfare/Def Elect 10:34-36+ Oct '78

SPAIN

Spain, for the first time in centuries, is at a decisive strategic crossroad. John Fullerton. illus Def & For Aff Dig 6, No.3:4+ '78

Foreign Policy

Spain, for the first time in centuries, is at a decisive strategic crossroad. John Fullerton. illus Def & For Aff Dig 6, No.3:4+ '78

Foreign RelationsNATO

Spain, for the first time in centuries, is at a decisive strategic crossroad. John Fullerton. illus Def & For Aff Dig 6, No.3:4+ '78

Politics and Government

Spain, for the first time in centuries, is at a decisive strategic crossroad. John Fullerton. illus Def & For Aff Dig 6, No.3:4+ '78

SPAIN - ContinuedStrategic Importance

Spain, for the first time in centuries, is at a decisive strategic crossroad. John Fullerton. illus Def & For Aff Dig 6, No.3:4+ '78

Spain's Combat Grande. AVM Stewart Menaul. illus Def & For Aff Dig 6, No.3:14-15 '78

SPANGRUD, Casper T.

Comptroller activities at major commands: Hq Air Force Systems Command. BrigGen C.T. Spangrud. por AF Compt 12:4-7 Oct '78

SPARE PARTS

CLAMP (Closed Loop Aeronautical Management Program) on a tactical weapon system. George Beck, Jr. tab illus Def Mgt J 14:32-39 Jan '78

Controlling new parts proliferation. TIG Brief 30:12 Jan 20 '78

The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78

It's a 'WRSky' business. (War Readiness Spares Kits for the C-130's that fly weather reconnaissance at Keesler AFB, Miss) Maj Terry A. Arnold. illus Airman 22:15-19 Jun '78

Life of System Stock (LSS). TIG Brief 30:7 May 26 '78

The right stocks forward. Maj Lynn W. Kling. illus Army Log 10:20-23 Nov-Dec '78

Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. illus Def Mgt J 14:39-41 Jul '78

To stock or not to stock. Walter E. Belknap. tabs Army Log 10:28-29 Sep-Oct '78

SPARROW, Herbert G.

Saint Barbara. MajGen Herbert G. Sparrow, Ret. Fld Arty J 46:34-36 Nov-Dec '78

SPATIAL DISORIENTATION

Coriolis cross-coupling effects: Disorienting and nauseogenic or not? Fred E. Guedry, Jr and Alan J. Benson. illus tab Aviation, Space & Envmt Med 49:29-35 Jan '78

Disorientation training in FAA-certificated flight and ground schools: A survey. William E. Collins and others. tabs Aviation, Space & Envmt Med 49:947-951 Aug '78

Light on the star: Thorough knowledge of lost wingman procedures may save your life. Maj Paul L. Tiley. illus Aerosp Safety 34:15-16 Nov '78

Some influences of touch and pressure cues on human spatial orientation. James R. Lackner and Ashton Graybiel. illus Aviation, Space & Envmt Med 49:798-804 Jun '78

Spatial disorientation in general aviation accidents. William R. Kirkham and others. tabs Aviation, Space & Envmt Med 49:1080-1086 Sep '78

Whiteout! MAC Flyer 25:14-15 Nov '78

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.

SPECIAL FORCES

The hard corps soldier. LtCol Courtney M. Rittgers. illus Soldiers 33:6-11 Jan '78

Special Operations Forces: Not applicable? Maj David C. Schlachter and Fred J. Stubbs. illus Mil Rev 58:15-26 Feb '78

SPECIALISTS see Manpower, Technical

SPECIFICATIONS

The software dependent project. Howard L. Yudkin. illus Signal 32:33-35 Jul '78

Software quality and productivity. B.M. Knight. illus tabs Def Sys Mgt Rev 1:54-65 Autumn '78

Tapping the commercial marketplace. Richard A. Stimson. illus Def Mgt J 14:32-38 Jul '78

Toward more effective implementation of specification tailoring. Warren E. Mathews. illus Def Sys Mgt Rev 1:15-22 Autumn '78

SPEECHStudy and Teaching

Graphic rating scales for speaking and writing. LtCol Henry F. Lippincott, Jr and others. illus Educ J 20:27-34 Spring '78

SPEED, AIR see Air-Speed

SPERRY RAND CORP

Sperry Flight Systems flourishing in Phoenix. John F. Brindley. illus Interavia 33:555-557 Jun '78

SPIES AND SPYING see Espionage

SPITSBERGEN

Spitsbergen: Who's in control? John C. Ausland. illus map US Nav Inst Proc 104:62-70 Nov '78

SPONSOR PROGRAMS

Program (Individualized Newcomer Treatment and Orientation (INTRO)) tries to ease newcomers' problems. AF Times 38:8 Jan 9 '78

Reporting in: Does it have to be a hassle? (Individual Newcomers Treatment and Orientation (INTRO)) TIG Brief 30:4 Jan 6 '78

Sponsorship. (A helping hand is sometimes a question of career survival) Maj F. Douglas Mehle. illus Army 28:41-44 Mar '78

SPORTS

Academy athletics: Laboratory for leadership. Capt Anthony Lynn Batezel. illus AF Mag 61:146-150 Sep '78

(Army) women's sports on the rebound. Janet Hake. illus Soldiers 33:39-42 Jul '78

Biathlon (cross-country skiing with rifle marksmanship) shoots ahead (at Camp Ripley, Minn). 1stLt John L. Plaster. illus Soldiers 33:28-31 Jun '78

DYA (Dependent Youth Activities): More than kids. Janet Hake. illus Soldiers 33:43-46 Oct '78

A gallant try. (U.S. Reserve officers at the 1978 CIOR military skills competition in London) Judy Oberdick. illus Air Reservist 30:9 Sep '78

SPORTS - Continued

Germany upsets U.S. in CIOR (Interallied Confederation of Reserve Officers) meet. (1978 military skills competition, Warendorf, Ger, Aug 6-12) illus AF Times 39:42 Sep 4 '78

Many athletes become fine soldiers. MajGen A.S. Newman. illus Army 28:57-58 Mar '78

Off-duty sports for fun and fitness. Dave Karten. illus Review 58:20-22+ Sep-Oct '78

U.S. squad takes second in CIOR meet. illus Natl Guard 32:32-33 Nov '78

West Point sports. SP5 Manuel Gomez. illus Soldiers 33:28-33 Aug '78

SQUADRON OFFICER SCHOOL

Rules on SOS nominations and attendance clarified. AF Times 38:50 May 29 '78

SOS attendance rules revised; goal is 100 percent. AF Times 38:11 Feb 20 '78

STAFF COLLEGESAir Force--U.S.

See also colleges by name. e.g., Air War College

Armed Forces

118 selected for (Senior Service) Schools. AF Times 38:26 Apr 10 '78

Armed Forces--U.S.

Defense cuts O-5, 6 Senior School slots. AF Times 38:4 Feb 6 '78

Army--U.S.

See also
Army War College
Command and General Staff College

Navy--U.S.

See also
Naval War College

STAFF OFFICERSAir Force

The challenge of directing a professional staff: Leadership and management insights for the staff judge advocate. Maj Daniel J. Gallington. tabs AF Law Rev 20, No.1:1-21 '78

One role of the staff officer: No surprises, please! TIG Brief 30:5 Jul 21 '78

Army

Battle staff officer qualification. Maj Edwin S. Stone III. illus Mil Rev 58:17-19 Apr '78

Leadership for tomorrow's Army: An American General Staff system. Col William L. Hauser. illus Parameters 8:2-9 Sep '78

Scorecard: The new Army team. illus Natl Guardsman 32:24-25 Aug '78

STAFFS, MILITARYSee also

Air Staff
Army General Staff
Joint Chiefs of Staff

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

A-109: Initiating the fiscal year. tabs Mil Elect/Countermeasures 4:36-38+ Sep '78

The ABCA (American, British, Canadian and Australian Armies) standardization program. William M. Mannel. illus Signal 32:20-24 Apr '78

AVNEC (Army AViation Employment Conference, Fort Rucker, Ala, March 1978). illus USA Avn Dig pt 1, Standardization & interoperability. LtCol Wayne B. Lunsetter and Maj Ted T. Cordrey. 24: 2-5 Jun '78; pt 2, How to fight: Offense. Maj J.F. Fields. 24:3-6 Jul '78; pt 3, How to fight: Defense. Maj Kenneth H. Bardot. 24:5-7 Aug '78; pt 4, Army Aviation personnel and training problems. Maj Glenn G. Rother. 24:13-15 Sep '78

Achieving NATO's standardization objectives. William E. Stoney. Signal 32:78-80 Aug '78

Alabama standardizing automated data processing. Govt Exec 10:49-50 Oct '78

Assurance essentials: Motivation, management, methods. (Keynote address, SOLE Annual Reliability and Maintainability Symposium) Hal Bayer. illus Log Spectrum 12:23-25 Spring '78

Avionics design requires standardization. illus Elect Warfare/Def Elect 10:54-59 Feb '78

Britain's role in NATO: Increasing commitment. Fred Mulley. illus Def & For Aff Dig 6, No. 10: 6-9 '78

C³ architecture and interoperability. (Convention panel, AFCEA, Washington, June 20-22, 1978) Col Thomas H. Thompson and others. illus Signal 32:67-83 Aug '78

The communications barrier of nonstandardized logistics terminology. Col Fred Gluck, Ret. illus tab Def Mgt J 14:18-20 Jul '78

Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78

Controlling new parts proliferation. TIG Brief 30:12 Jan 20 '78

The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78

Defense communications: Why "most everything now" will be interconnected. Interview. LtGen Lee M. Paschall. illus map chart Govt Exec 10:15+ Jun '78

Defense procurement: The British connection. CAPT T. H. Sherman. illus Def Sys Mgt Rev 1:45-50 Winter '77

The German Navy's Type 122 general-purpose frigate. Udo Philipp. illus tab Intl Def Rev 11, No. 4: 539-544 '78

STANDARDIZATION - Continued

House panel (Armed Services Investigations Subcommittee) blasts XM-1 120mm gun choice on every possible count. Armed Forces J Intl 115:9 Jul '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

Improving NATO's efficiency and getting the Alliance more resources. Interview. Gen Alexander M. Haig. illus Armed Forces J Intl 116:26-27+ Sep '78

In NATO communications (Rationalization, Standardization, Interoperability) RSI=NICS (NATO Integrated Communication System) concept at all levels. BrigGen T. Baroni, Ret. Signal 33:19-20+ Sep '78

An industrial view of armament export and collaboration. Claus-Detlef Lehmann. illus NATO's Fifteen Nations 23:69-71 Oct-Nov '78

Information systems. Col Perry R. Nuhn. illus Signal 33:32-35 Nov-Dec '78

International initiatives for missiles. G. R. Wenninger. illus Mil Elect/Countermeasures pt 1, 4:23+ Nov '78; pt 2, 4:46+ Dec '78

Interoperability of U.S.-NATO communications. Maj Jimmie L. Pedersen. illus Signal 32:31-34 Apr '78

Lynx. illus map tab NATO's Fifteen Nations 23:109+ Oct-Nov '78

The NATO small arms trials. A. J. R. Cormack. illus tab Intl Def Rev 11, No. 7:1043-1048 '78

NATO, standardisation and nationalism: An economist's view. Keith Hartley. RUSI J for Def Studies 123:57-60 Sep '78

Naval communications in NATO--still some gaps. R. D. Boyle. illus Intl Def Rev 11, No. 4:515-519 '78

New directions for NATO. William J. Perry. Def Sys Mgt Rev 1:66-73 Autumn '78

One step toward standardization? (NATO Frigate 122) Egbert Thomer. illus NATO's Fifteen Nations 22: 43+ Oct-Nov '77

O'seas troops to get European vehicles. Len Fammiglietti. AF Times 38:4 Mar 6 '78

Rationalization, standardization & interoperability. Editorial. Julian S. Lake. illus Mil Elect/Countermeasures 4:102 Sep '78

Rationalizing--a NATO solution. Gen T. R. Milton, Ret. illus Natl Def 62:324-326 Jan-Feb '78

The rescue of air crew. Comdr Chris Elliot. illus NATO's Fifteen Nations 22:98-102+ Oct-Nov '77

STANAG's. LtCol Charles W. Montgomery, Ret. Fld Arty J 46:35 Sep-Oct '78

Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. illus Def Mgt J 14:39-41 Jul '78

The Squad Automatic Weapon--a new element in the NATO Infantry arms debate. Edward C. Ezell. illus tabs Intl Def Rev 11, No. 1:81-85 '78

Standardization or bankruptcy for NATO. LtCol Edmund K. Daley, Jr. illus US Nav Inst Proc 104: 78-87 Nov '78

STANDARDIZATION - Continued

Trade liberalization as a path to weapons standardization in NATO. Charles Wolf, Jr and Derek Leebaert. tabs Intl Sec 2:136-159 Winter '78

The tripartite minehunter--a model for international cooperation? Capt F.de Blocq van Kuffeler, Ret. illus (Also cutaway) tabs Intl Def Rev 11, No.9: 1472-1476 '78

The two-way street and NATO standardization--a clarification of the U.S. position. Interview. MajGen Richard C.Bowman. illus Intl Def Rev 11, No.1:35-40 '78

United States arms export policy and weapons cooperation. Robert A.Gessert. illus tabs NATO's Fifteen Nations 22:56-59+ Dec '77-Jan '78

U.S. 120 mm tank gun decision under fire. Intl Def Rev 11, No.5:665-667 '78

U.S. Roland: A milestone in technology transfer. BrigGen Frank P.Ragano. illus Def Mgt J 14:3-10 May '78

What DARCOM is doing about NATO interoperability. illus map Govt Exec 10:22-25 Mar '78

STANDARDS OF CONDUCT

Civilian standards (AFR 40-735). TIG Brief 30:19 Aug 4 '78

Standards of conduct. LtGen John P.Flynn. TIG Brief 30:1 Mar 17 '78; AF Times 38:14 Apr 3 '78

STANSBERRY, James W.

Minority businesses taking wing under the Air Force. MajGen James W.Stansberry. Def Mgt J 14:40-43 Jan '78

STARRY, Donn A.

(The Central Battle) (Keynote address, 1978 Armor Conference) Gen Donn A.Starry. Armor 87:32-36 Jul-Aug '78

Combined arms. Gen Donn A.Starry. Armor 87: 21-22 Sep-Oct '78

FM 100-5. Gen Donn A.Starry. por Mil Rev 58: 2-11 Aug '78

Focus is 'central battle.' Gen Donn A.Starry. por Army 28:30-33 Oct '78

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Dohn Starry. Govt Exec 10:18-19 Jan '78

On Army Aviation. Interview. Gen Donn A.Starry. por USA Avn Dig 24:2-6 Nov '78

(Plans for TRADOC) Interview. Gen Donn A.Starry. por Infantry 68:15-17 Jul-Aug '78

Sergeants' business. (Condensation of address, Army Sergeants Major Academy, Fort Bliss, Tex, Nov 3, 1977) Gen Donn A.Starry. por Mil Rev 58: 2-9 May '78

STATE DEPT

HRIS (Human Resources Information System): Systematically matching the right person to the right position. Torrey S.Whitman and Albert C.Hyde. illus tabs Def Mgt J 14:28-34 Mar '78

STATES, NEW

Bophuthatswana: Africa's youngest state. John Fullerton. Def & For Aff Dig 6, No.1:48 '78

The liberation struggle in the context of détente. Col Ye.Dolgoplov. Soviet Mil Rev No.3:52-54 Mar '78

Microstates and the balance of power in the contemporary international system. Robert G.Irani and William O.Staudenmaier. illus tabs Nav War Col Rev 31:76-96 Summer '78

New directions in defense spending: A perspective. illus Def & For Aff Dig 6, No.9:4-7+ '78

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

Expanding the use of efficient sampling techniques. John C.Bemis. illus tabs Def Mgt J 14:20-22 Sep '78

MBO. M.Scott Downing. tabs Govt Exec pt 1, The virtues & vices. 10:39-42 Apr '78; pt 2, Working the triangle. 10:42-47 May '78

STATUS OF FORCES AGREEMENTS

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No.1:71-86 '78

STEEL

The problem of hangfire effects. Henry G.Benis. illus tab Natl Def 62:321-323+ Jan-Feb '78

STENNIS, John C.

Decisionmaking. (Statement inaugurating the Stennis Visiting Statesmen Series, Mississippi State University, State College, Miss, Oct 21, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.12: 2-7 Dec '77

(Sen John) Stennis: Control costs (of retirement system); (John P.) White: Complex issue. Andy Plattner. AF Times 38:3 Apr 3 '78

(Sen) Stennis irked by DOD budget woes. AF Times 39:11 Jul 31 '78

(Sen) Stennis takes helm at Defense Appropriations (Subcommittee). por Armed Forces J Intl 116:10 Mar '78

Stennis notes Reserves' role: Treatment of people vital. Andy Plattner. AF Times 38:4 Feb 20 '78

STETSON, John C.

AFA: A unifying element. John C.Stetson. por AF Mag 61:63 Sep '78

The demand for resources--a cause for conflict. (Remarks, Iron Gate Chapter Luncheon, Air Force Assoc, New York, Dec 7, 1977) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.1:2-6 Jan '78

Military compensation: The Secretary's views. (Statement, President's Commission on Military Compensation, Washington, Jan 18, 1978) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.3: 2-8 Mar '78

STETSON, John C. - Continued

- Planning for the year 2000. John C. Stetson. por AF Mag 61:50-51 Nov '78
- Planning in a world of change. John C. Stetson. por AF Mag 61:48-50 May '78
- Report to the 95th Congress. (Statement to the House Armed Services Committee, Feb 7, 1978) John C. Stetson and Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 4:2-19 Apr '78
- (SecAF) Stetson calls for Persian Gulf readiness. AF Times 38:6 May 1 '78
- 'The tough jobs we are facing.' (Excerpts from address, Air Force Assoc, Niagara Falls, NY, June 1978) John C. Stetson. por Air Reservist 30:10-11 Jul '78

STILWELL, Richard G.

- The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I. D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

STOCKPILING

- Raw materials: The difference between winning and losing. Col Wilfred L. Ebel. illus tab Army Log 10:8-11 Mar-Apr '78
- War reserves--stockpiles for defense. Steven Roman. illus tab Army Log 10:26-29 Jan-Feb '78

STORAGE

- Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78
- Emergency storage of explosives. TIG Brief 30:7 Jun 23 '78
- How to improve your civil engineering holding areas. TIG Brief 30:4 Jun 23 '78
- Quality control in personal property storage. Ronald V. Claussen. illus Translog 9:6-8+ Aug '78
- Unmarked drums at Air Force storage sites. TIG Brief 30:8 Oct 20 '78

Costs

- Temporary storage of household goods. TIG Brief 30:14 Jul 7 '78

STRAINS AND STRESSES

- Assaulting the limits. Col Dorsey J. Talley and Capt Richard M. Doubt. illus TAC Attack 18:6-8 Dec '78
- New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

STRAITS see WaterwaysSTRATEGIC AIR COMMAND

- See also
Air Force, 8th
Air Force, 15th

- Brave Shield 17. LtCol Donald W. Neal. illus Combat Crew 28:8-11 Jun '78

STRATEGIC AIR COMMAND - Continued

- Busy Observer I (Strategic Air Command missions flown in support of ocean surveillance and reconnaissance). 1stLt Milton Nielsen. illus Navigator 25:20-22 Winter '78
- Countdown for safety--the 1st STRAD (STRategic Aerospace Division). illus Combat Crew 28:4-7+ Jul '78
- Deterrence. (Remarks, New York Union League Club, New York, July 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 10:2-8 Oct '78
- The edge in the strategic balance. LtGen Richard L. Lawson. illus Combat Crew 28:2-3+ Aug '78
- Fairchild Trophy: 4th for Plattsburg (AFB, NY). AF Times 39:49 Nov 13 '78
- Giant Sword (1978) wrap up. illus Combat Crew 28:26-27 Nov '78
- Giant Thrust II. Maj Peter Alexandrakos. illus Combat Crew 28:4-7+ Nov '78
- Hangar flying with CFIC (Central Flight Instructors Course). LtCol John Dean, Ret. illus Combat Crew 28:12-14 Dec '78
- Lest we forget. (SAC's nuclear mishaps, Jan 16, 1966, and Jan 21, 1968) Maj Herman L. Reese. illus Combat Crew 28:20-21 Jan '78
- Minot (AFB, ND) wing (91st Strategic Missile Wing) takes Blanchard Trophy. AF Times 38:38 May 22 '78
- Minuteman (wings in competition, Olympic Arena '78). illus Combat Crew 28:12-15+ Apr '78
- 1978 SAC Safety Seminar (Carswell AFB, Tex, 1978) ... a common sense approach. Maj Stephen J. Miller. illus Combat Crew 28:7+ Dec '78
- An open letter to SAC people. Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:13-15 Feb '78
- (SAC) our primary purpose. Gen Richard H. Ellis. illus Combat Crew 28:4-5+ Apr '78
- SAC starts rigorous drug rehab. Randy Moore. AF Times 39:4 Sep 11 '78
- (SAC's) year end report--1977. Gen Richard H. Ellis. illus Combat Crew 28:2-3+ Jan '78
- Strategic Air Command. illus charts AF Mag 61:78-79+ May '78
- A strategic blueprint for the '80s. (Strategic Air Command is adjusting its concepts of deterrence) Edgar Ulsamer. illus AF Mag 61:47-48+ Sep '78
- The Titans (wings in competition, Olympic Arena '78). illus Combat Crew 28:8-11+ Apr '78
- Using lapse management in civilian personnel distribution--a SAC case study. Leland G. Jordan and 1stLt Frances J. Morris. tabs Def Mgt J 14:36-39 May '78
- We're number one! (Olympic Arena '78--trophy winners and competition highlights) illus Combat Crew 28:2-3+ Jun '78

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile Defense

STRATEGIC ARMS LIMITATION TALKS see Arms Control

STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

STRATEGIC FORCES

Disarmament: Thirty years of failure. Wayland Young. Intl Sec 2:33-50 Winter '78

China (People's Republic)

The strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 21: entire issue Mar 9 '78

Europe, Western

Cruise missiles, NATO and the "European option." Hans Ruhle. illus Strat Rev 6:46-52 Fall '78

Russia

Russian military strategy--a fresh look. Col David J. Cade. illus AU Rev 29:18-27 Sep-Oct '78

SALT and the balance of superpower strategic forces. Jacquelyn K. Davis. tabs NATO's Fifteen Nations 23:56-61 Feb-Mar '78

Soviet rocket forces: Military capability, political utility. Colin S. Gray. illus tab AF Mag 61:49-55 Mar '78

The Soviet threat. Jack F. Kemp. tabs AEI Def Rev 2, No. 3:15-36 '78

The strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 21: entire issue Mar 9 '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

What are the Russians up to? Les Aspin. tabs Intl Sec 3:30-54 Summer '78

United States

The challenge-implications for AFROTC. LtCol Ronald J. Kraus. illus Educ J 20:48-51 Spring '78

How DOD maintains strategic deterrence through technology. William J. Perry. illus Command 1: entire issue Aug '78

Joint strategic mission. (Remarks, Comstock Club, Sacramento, Calif, March 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 6:9-15 Jun '78

An open letter to SAC people. Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:13-15 Feb '78

Report to the 95th Congress. (Statement to the House Armed Services Committee, Feb 7, 1978) John C. Stetson and Gen David C. Jones. tabs AF Plcy Ltr for Comdrs: Sup No. 4:2-19 Apr '78

SALT and the balance of superpower strategic forces. Jacquelyn K. Davis. tabs NATO's Fifteen Nations 23:56-61 Feb-Mar '78

The strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 21: entire issue Mar 9 '78

Strategically your's. G.M. Bailly-Cowell. illus NATO's Fifteen Nations 22:104-109 Dec '77-Jan '78

STRATEGIC FORCES - Continued

United States - Cont'd

Summary of DOD annual report. (Presented before House Armed Services Committee, Washington, Feb 2, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 4:20-28 Apr '78

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC WARFARE

The development of nuclear strategy. Bernard Brodie. Intl Sec 2:65-83 Spring '78

The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No. 8: 1237-1241 '78

Thinking the unthinkable: The possibilities and implications of strategic bombing against Israel in the next war. Uri Bialer. illus tab RUSI J for Def Studies 122:65-71 Dec '77

STRATEGY

See also as a subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Strategy
World War II--Strategy

En clair: A monthly report on strategic news. Regular feature in issues of Defense & Foreign Affairs Digest

Global strategy behind defense budget. Drew Middleton. Natl Guardsman 32:8-9 Jul '78

Indicators of the coming war. Gregory R. Copley. Def & For Aff Dig 6, No. 3:26-27+ '78

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D.M.O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

The U.S.-USSR balance. (Remarks, Commonwealth Club of California, San Francisco, June 23, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:2-10 Sep '78

History

Clausewitz and Jomini: A conceptual framework for the study of strategy. Capt Theodore A. Nitz. illus Educ J 20:40-43 Spring '78

Arab States

What the next Arab-Israeli War might look like. Steven J. Rosen. Intl Sec 2:149-173 Spring '78

China (People's Republic)

An introduction to Chinese command, control and communications. CDR Bruce Swanson. illus map Signal 32:46-50+ May-Jun '78

STRATEGY - ContinuedCuba

Cuban strategy in Africa: The long road of ambition. Roger W. Fontaine. illus Strat Rev 6:18-27 Summer '78

Israel

Israel's strategic posture. (Interview with Moshe Arens) illus Def & For Aff Dig 6, No. 12:34-35 '78

What the next Arab-Israeli War might look like. Steven J. Rosen. Intl Sec 2:149-173 Spring '78

Middle East

Strategy for a transition period. Shimon Peres. Intl Sec 2:4-12 Winter '78

NATO

Continuous land combat operations: Are we only half effective? John J. Emanaski and John C. Scharfen. RUSI J for Def Studies 123:26-31 Jun '78

The eagle in Europe. John Fullerton. Def & For Aff Dig 6, No. 2:18-19 '78

NATO--a military appraisal. Gen H. F. Zelner Gundersen. RUSI J for Def Studies 123:17-22 Sep '78

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

NATO: Assessing the assessors. David Harvey. Def & For Aff Dig 6, No. 1:15-16+ '78

NATO posture. (Statement before Senate Armed Services Committee, March 1, 1978) Gen W. L. Creech. AF Ploy Ltr for Comdrs: Sup No. 5:9-18 May '78

NATO's dispersal capability--a fatal flaw? WgComdr Peter P. W. Taylor. illus Royal Air Forces Qtr pt 1, 18:11-17 Spring '78; pt 2, 18:173-178 Summer '78

NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78

Nuclear weapons in NATO strategy. Colin S. Gray. NATO's Fifteen Nations 23:82-83+ Feb-Mar '78

The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78

The place of maritime strength in the strategy of deterrence. George R. Lindsey. illus Nav War Col Rev 30:26-33 Spring '78

'Short war' concept needs airing. MajGen Richard H. Cooper. illus Officer 54:8-9 Apr '78

Russia

Africa and Western lifelines. W. C. J. van Rensburg. illus tab Strat Rev 6:41-50 Spring '78

STRATEGY - ContinuedRussia - Cont'd

The battlefield threat: Soviet concepts, doctrine and strategy. Maj John P. Rose. illus Air Def Mag, pp 24-29, Jul-Sep '78

Civil defense in Soviet and American strategy. Col William O. Staudenmaier. illus Mil Rev 58:2-14 Oct '78

Contrasts in American and Soviet strategic thought. Fritz W. Ermarth. Intl Sec 3:138-155 Fall '78

The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No. 8: 1237-1241 '78

The expanding Soviet collective security network. Avigdor Haselkorn. illus Strat Rev 6:62-73 Summer '78

The framework for electronics in war. CAPT W. J. Ruhe, Ret. illus Signal 32:10-13 Apr '78

The ground forces in Soviet military policy. John Erickson. illus map Strat Rev 6:64-79 Winter '78

More dilemmas in studying Soviet tactics. LtCol George F. Steger. illus Mil Rev 58:88-96 Feb '78

The new strategy: A redistribution of weakness. James D. Hessman. Sea Power 21:23-28 Mar '78

Reactivating Soviet civil defense. John Fullerton. Def & For Aff Dig 6, No. 5:38-39 '78

Russian military strategy--a fresh look. Col David J. Cade. illus AU Rev 29:18-27 Sep-Oct '78

Soviet imperialism in Africa. Julian Amerly. illus map NATO's Fifteen Nations 23:28-30+ Jun-Jul '78

Soviet strategy in the 1970's and beyond. Robert H. Donaldson. illus Parameters 8:62-71 Mar '78

Soviet targeting strategy and SALT. William T. Lee. AF Mag 61:120-122+ Sep '78

Soviet thrust into the Horn of Africa: The next targets. Peter Vanneman and Martin James. illus tab Strat Rev 6:33-40 Spring '78

Verifying the SALT agreements: Must it be by faith alone? Harvey A. DeWeerd. illus Army 28:15-18 Aug '78

Will the Pact attack? Richard Dana. illus Def & For Aff Dig 6, No. 11:37+ '78

History

Soviet strategy--Russian strategy: Governing factors, traditional objectives, successes. Walter Bukowsky. illus Intl Def Rev 10:1051-1056 Dec '77

United States

Achilles heel of the deterrence triad. Maj Elbert C. Black III. illus tabs Mil Rev 58:46-53 Apr '78

Arms control and strategic stability. Peter Hughes. illus tabs AF Mag 61:56-64 Apr '78

Army strategy today: Control war, keep peace. LtCol Harry G. Summers, Jr. Army 28:37-38+ Oct '78

STRATEGY - ContinuedUnited States - Cont'd

- A bipartisan recommendation for naval supremacy: Taft-Hart "White Paper on Defense," 1978 edition. James D. Hessman. illus tab Sea Power 21: 20-22+ Jun '78
- Civil defense in Soviet and American strategy. Col William O. Staudenmaier. illus Mil Rev 58:2-14 Oct '78
- Claytor fires back; disputes new Defense strategy. L. Edgar Prina. illus Sea Power 21:30-32 Apr '78
- The coming U.S. strategic debate. LtGen Daniel Graham. illus Def & For Aff Dig 6, No. 3: 31-33+ '78
- Continuity and change in U.S. national security policy. LtCol C.R. Nelson. illus tabs Mil Rev 58: 48-55 Jul '78
- Contrasts in American and Soviet strategic thought. Fritz W. Ermarth. Intl Sec 3:138-155 Fall '78
- The development of nuclear strategy. Bernard Brodie. Intl Sec 2:65-83 Spring '78
- End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78
- The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No. 8: 1237-1241 '78
- Farewell 'Posture Statement.' Gen George S. Brown. illus AF Mag 61:43-47 Oct '78
- Force planning, political guidance and the decision to fight. Colin S. Gray. illus Mil Rev 58:5-16 Apr '78
- The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 2:4-6+ '78
- The framework for electronics in war. CAPT W.J. Ruhe, Ret. illus Signal 32:10-13 Apr '78
- How DOD maintains strategic deterrence through technology. William J. Perry. illus Command 1: entire issue Aug '78
- The impact of strategic and technological innovations on nuclear deterrence. Harold Molineu. illus Mil Rev 58:7-16 Jan '78
- International trends and defense. (A summary of SecDef Harold Brown's annual Defense budget report FY 1979) illus Comdrs Dig 21: entire issue Feb 23 '78
- Joint strategic mission. (Remarks, Comstock Club, Sacramento, Calif, March 27, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 6:9-15 Jun '78
- The limits of military intervention: A propositional inventory. Morris Janowitz and Ellen P. Stern. illus Mil Rev 58:11-21 Mar '78
- NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78
- New Defense guidelines postulate sideline status for Navy. L. Edgar Prina. illus Sea Power 21:35-36 Feb '78

STRATEGY - ContinuedUnited States - Cont'd

- New imperatives for the old Alliance. Robert Ellsworth. Intl Sec 2:132-148 Spring '78
- The new strategy: A redistribution of weakness. James D. Hessman. Sea Power 21:23-28 Mar '78
- Nuclear arms study: Reassess the basics. AF Times 38:16 Jul 24 '78
- The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:55-61 Sep '78
- The Persian Gulf: Central or peripheral to United States strategy? VADM W.J. Crowe. illus map tab US Nav Inst Proc 104:184-209 May '78
- Set goals, then talk SALT. (From address, Air Force Assoc, Robins AFB, Ga) Sen Sam Nunn. AF Times 39:23 Aug 14 '78
- 'Short war' concept needs airing. MajGen Richard H. Cooper. illus Officer 54:8-9 Apr '78
- The strange case of Rainbow-5. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:66-73 Aug '78
- Strategic and arms control implications of laser weapons: A preliminary assessment. Barry J. Smernoff. illus tabs AU Rev 29:38-50 Jan-Feb '78
- Strategic deterrence and the cruise missile. LCDR Edward J. Ohlert. illus tab Nav War Col Rev 30: 21-32 Winter '78
- A strategy for the United States. Lincoln P. Bloomfield and Harlan Cleveland. Intl Sec 2:32-55 Spring '78
- U.S. is increasingly vulnerable to Soviet attack, study (by House Armed Services Committee) says. AF Times 38:11 Jan 1 '78
- The use of the armed forces as a political instrument. Barry M. Blechman and Stephen S. Kaplan. Nav War Col Rev 30:80-87 Spring '78

Warsaw Pact

- Teeth of the bear: WarPac divisions. Richard Dana. Def & For Aff Dig 6, No. 7:30-31+ '78

STRATEGY, AIRHistory

- Command of the air: Command of space? E.M. Fitzgerald. RUSI J for Def Studies 122:45-52 Dec '77

NATO

- Tactical air war thinking. David Harvey. illus Def & For Aff Dig 6, No. 1:28-29 '78

United StatesHistory

- BrigGen Kenneth N. Walker, prophet of strategic airpower. MajGen Haywood S. Hansell, Jr, Ret. illus AF Mag 61:92-94 Nov '78

STRATEGY, NAVAL

Naval warfare since 1945. Jurgen Rohwer, trans by C. Ulrich. illus US Nav Inst Proc 104:66-83 May '78

History

The negative influence of Mahan on anti-submarine warfare. Capt R.A. Bowling, Ret. illus RUSI J for Def Studies 122:52-59 Dec '77

China (People's Republic)

The maritime posture of Communist China. Niu Sieng-chong. tab NATO's Fifteen Nations 23:110-111+ Feb-Mar '78

Great BritainHistory

Blue water strategy revisited. Steven T. Ross. illus Nav War Col Rev 30:58-66 Spring '78

British seapower and its influence upon the Peninsular War (1808-1814). Donald D. Horward. illus Nav War Col Rev 31:54-71 Fall '78

Problems of an amphibious power: Britain against France, 1793-1815. Piers Mackesy. Nav War Col Rev 30:16-25 Spring '78

JapanHistory

The Pearl Harbor attack: Admiral Yamamoto's fundamental concept. Jun Tsunoda and Adm Kazutomi Uchida. Nav War Col Rev 31:83-88 Fall '78

NATO

The problems in the Baltic--threat and response. Comdrs Ulrich Weisser and Klaus Jancke. illus map NATO's Fifteen Nations 23:52-56 Apr-May '78

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. illus map Intl Def Rev 11, No. 4:509-514 '78

Soviet naval policy and Atlantic strategy. Comdr Ulrich Weisser. tab RUSI J for Def Studies 122: 60-65 Dec '77

Russia

Fast patrol boats: Key to Soviet world domination? illus maps Elect Warfare/Def Elect 10:35-44 Jul '78

The Great Bear hug. Capt J.J.R. Oswald. illus RUSI J for Def Studies 123:36-42 Jun '78

Potential Soviet responses to the U.S. submarine threat in the 1980s. Andrew W. Hull. illus US Nav Inst Proc 104:24-30 Jul '78

Sea power--neglected key to a revitalized NATO strategy. ADM Worth H. Bagley, Ret. illus map Intl Def Rev 11, No. 4:509-514 '78

Soviet naval policy and Atlantic strategy. Comdr Ulrich Weisser. tab RUSI J for Def Studies 122: 60-65 Dec '77

Soviet naval strategy, 1968-1978: A reexamination. LCDR J. T. Westwood. illus tabs US Nav Inst Proc 104:114-127 May '78

STRATEGY, NAVAL - ContinuedRussia - Cont'd

The Soviet naval threat to NATO Europe. David F. Emery. illus tab map Strat Rev 6:53-61 Fall '78

Trends and patterns in major Soviet naval exercises. Donald C. Daniel. illus Nav War Col Rev 30:34-41 Spring '78

United States

Antiship cruise missiles. CAPT William J. Ruhe, Ret. illus Natl Def 63:30-32+ Nov-Dec '78

A bipartisan recommendation for naval supremacy: Taft-Hart "White Paper on Defense," 1978 edition. James D. Hessman. illus tab Sea Power 21: 20-22+ Jun '78

Claytor fires back; disputes new Defense strategy. L. Edgar Prina. illus Sea Power 21:30-32 Apr '78

The great naval debate. (Interview with CAPT Alva M. Bowen, Jr, Ret) Craig J. Spence. illus Def & For Aff Dig 6, No. 9:52-54 '78

Naval strategy: The C³ connection. VADM Robert Y. Kaufman. illus Signal 32:7-8+ Jan '78

Sea plan (for year) 2000. Editorial. James D. Hessman. Sea Power 21:26-28 May '78

Tactical thinking for the Mediterranean. LCDR Kenneth R. McGruther. illus US Nav Inst Proc 104: 106-109 Jan '78

U.S. naval strategy: Problems of survivability, usability, and credibility. Ken Booth. illus Nav War Col Rev 31:11-28 Summer '78

STRATOSPHERE see Atmosphere, Upper

STRATTON, Samuel S.

Soviets to have jump on ICBMs in '80-'81: Sobering and disturbing study. Samuel S. Stratton. por Officer 54:14 Mar '78

STREAM CROSSING, MILITARY

Can Marine ground commanders bridge the gap? Capt J.A. Marapoti. illus MarCor Gaz 62:43-48 Jun '78

One more river to cross. (Solid Shield 78) JO1 Kathy Cote. illus MarCor Gaz 62:3 Aug '78

(Soviet) engineer support to water crossings. illus tabs Intl Def Rev 11, No. 2:201-203 '78

Special training for pontoniers. Col A. Soldatov. illus Soviet Mil Rev No. 8:16-18 Aug '78

STRESS (PHYSIOLOGY)

Backache in helicopter pilots. Maj Ron Goede. (Reprinted from Flight Comment, No. 4, 1977) illus Aerosp Safety 34:14-16 May '78

The dangerous art of doing nothing. Col James G. Jones. illus TAC Attack 18:10-13 May '78

Distraction--fatal, insidious human. Maj Thomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78

Effect of long-term hyperbaric stress on ammonia metabolism in humans. Sara C. Gilman and others. tab Aviation, Space & Envmt Med 49:1093-1094 Sep '78

STRESS (PHYSIOLOGY) - Continued

Emergency mental health services during and after a major aircraft accident. John C. Duffy. Aviation, Space & Envmt Med 49:1004-1008 Aug '78

Evaluation method of mental workload under flight conditions. Chiharu Sekiguchi and others. illus tabs Aviation, Space & Envmt Med 49:920-925 Jul '78

Hormonal indices of tolerance to +G_z acceleration in female subjects. J. Vernikos-Danellis and others. tabs Aviation, Space & Envmt Med 49:886-889 Jul '78

Judgment--intuitive decision making through experience. Maj David C. Praher. illus Interceptor 20: 18-19 Apr '78

Physiological and psychological effects of heat stress simulating cockpit conditions. Sarah A. Nunneley and others. tabs Aviation, Space & Envmt Med 49:763-767 Jun '78

Psychogenic G-force intolerance revisited. Theodore J. Wachs and Carlos J. G. Perry. Aviation, Space & Envmt Med 49:76-77 Jan '78

Relax and live. Dennis R. Brightwell. USA Avn Dig 24:4+ Feb '78

Stress. Anchar F. Zeller. illus Aerosp Safety 34: 20-22 Dec '78

The stress of separation. Alice Stratton. illus US Nav Inst Proc 104:52-59 Jul '78

Stresses encountered before flight. Maj Peter J. Edgette. illus USA Avn Dig 24:28-31 Jul '78

Sustained operations and sleep deprivation: Effects on indices of stress. R. P. Francesconi and others. illus Aviation, Space & Envmt Med 49:1271-1274 Nov '78

Task-specific simulator pretraining and in-flight stress of student pilots. G. S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 49: 1107-1110 Sep '78

They're only human. (AF personnel and civilian volunteers are used to test human response to various types of aerospace stress) Capt Dick Sheffield. illus Airman 22:44-48 Nov '78

A war for science. LtCol J. W. Stokes and L. E. Banderet. illus Fld Arty J 46:43-44 Jan-Feb '78

STRESSES see Strains and Stresses

STRIKE COMMAND see Readiness Command

STUNT FLYING see Aerobatics

SUBMARINE BASES see Naval Bases

SUBMARINE WARFARE

See also
Antisubmarine Warfare

SUBMARINES

Undersea projection: Submarine power in small navies. David Harvey. illus tab Def & For Aff Dig 6, No. 5:11+ '78

SUBMARINES - ContinuedDesign

The Sauro-class submarine. R. J. L. Dicker. illus (Also cutaway) tabs Intl Def Rev 11, No. 9:1468-1471 '78

Equipment

Surveillance system for submerged submarines developed. illus Elect Warfare/Def Elect 10:71-73 Dec '78

Italy

The Sauro-class submarine. R. J. L. Dicker. illus (Also cutaway) tabs Intl Def Rev 11, No. 9:1468-1471 '78

Russia

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

The wartime role of Soviet SSBNs. CDR Richard T. Ackley, Ret. illus US Nav Inst Proc 104:34-42 Jun '78

History

Striking from under the water. (Soviet submarines during the Great Patriotic War, 1941-45) LtCol N. Kharitonov. illus Soviet Mil Rev No. 6:41-43 Jun '78

United States

ELF (Extremely Low Frequency)--an essential communications system. Dan Boyle. illus maps Intl Def Rev 11, No. 7:1149-1151 '78

Is it time to sink the surface Navy? William S. Lind. illus US Nav Inst Proc 104:62-67 Mar '78

The Navy of the 21st century: Representative Tribble calls for 'small ship Navy' to augment 'big ship Navy.' James D. Hessman. illus Sea Power 21: 20-22 Dec '78

The Soviet SLBM force. Norman Polmar. illus tabs map AF Mag 61:42-48 Mar '78

Submarines, SLCMs, and shipbuilding settlements. James D. Hessman. illus Sea Power 21:36-38 Jul '78

Tactical ASW: A case for a non-nuclear submarine. CDR A. Van Saun. illus US Nav Inst Proc 104:147-151 Nov '78

SUBMARINES, NUCLEAR POWEREDUnited States

Attack submarine development--recent trends and projected needs. Robert M. Chapman. illus tabs US Nav Inst Proc 104:97-102 Aug '78

The need for Trident. Gerard Keith Burke. illus tabs US Nav Inst Proc 104:32-41 Nov '78

Undersea warfare: A stable segment of the U.S. defense posture. Larry L. Booda. illus Def & For Aff Dig 6, No. 5:4-5+ '78

What killed the Scorpion? Norman Polmar and D. A. Paolucci. illus Sea Power 21:13-19 May '78

SUBSISTENCE ALLOWANCES

- Control and accounting of meal cards. TIG Brief 30:16 Jan 20 '78
- Equal per diem for officers, EM backed. Richard C. Barnard. AF Times 39:1+ Jul 31 '78
- Howard (AFB, CZ) testing a la carte idea. AF Times 39:10 Dec 25 '78

SUGGESTION PROGRAMS

- AF lauded for suggestion program. AF Times 39:8 Oct 9 '78
- Air Force suggestion program: A message to suggestion evaluators. TIG Brief 30:3 Nov 3 '78
- Air Force Suggestion Program: New awards. TIG Brief 30:13 Mar 3 '78
- Are you an Air Force inventor? TIG Brief 30:21 Jul 21 '78
- Idea program--\$72M 'savings.' Len Famiglietti. AF Times 38:2 Jan 16 '78
- The sound-off payoff. Airman 22:49 Apr '78

SUICIDE

- Why are we killing ourselves? Patricia Barnes. illus Soldiers 33:22-24 Mar '78

SUN

- The sun watchers. (Sun and solar flares are monitored at NORAD's Cheyenne Mountain complex in Colorado) Robert K. Ruhl. illus Airman 22:2-8 Nov '78
- Too hot to handle. illus MAC Flyer 25:21-22 Aug '78

SUPERIOR PERFORMANCE PAY see Proficiency PaySUPERPORTS see PortsSUPERSONIC FLIGHT

- See also
Airplanes, Transport (Supersonic)

SUPERVISION

- Accurate Time Compliance Technical Order (TCTO) reporting. TIG Brief 30:10 Mar 3 '78
- The Air Force civilian supervisor. TIG Brief 30:18 May 12 '78
- Career counseling: Commander/supervisor responsibility. TIG Brief 30:4 Jun 23 '78
- Creative approach to discipline. TIG Brief 30:3 Feb 17 '78
- Equal Employment Opportunity (EEO), upward mobility, and the manager. TIG Brief 30:17 Feb 3 '78
- Improving your on-the-job (OJT) program. TIG Brief 30:3-4 Feb 3 '78
- Maintenance problem. LtCol Clarke A. Hamon. illus Infantry 68:10-12 May-Jun '78
- Mishaps: Supervision and safety. TIG Brief 30:9 Apr 28 '78

SUPERVISION - Continued

- PEP (Performance Effectiveness Program) improves poor workers; Plan avoids harsh measures. Randy Moore. AF Times 38:8 Jan 1 '78
- The pinger. Capt James P. Coe. illus MAC Flyer 25:6-8 Jan '78
- The red-blooded Air Force supervisor. TIG Brief 30:14 Mar 3 '78
- Subtle breakdown of discipline. Maj Dwayne M. Shackleton. Interceptor 20:15 Sep '78
- Supervisory influence in accident prevention. TIG Brief 30:5 Nov 17 '78
- 10 commandments of safety for supervisors. SSgt Alan R. Koester. TAC Attack 18:23 Jul '78

Study and Teaching

- HEW tries the sterling approach. Govt Exec 10:32-34 Mar '78

SUPPLY

- See also
Depots, Supply

Air Force--U. S.

- It's a 'WRSKy' business. (War Readiness Spares Kits for the C-130's that fly weather reconnaissance at Keesler AFB, Miss) Maj Terry A. Arnold. illus Airman 22:15-19 Jun '78

- Stock Fund purchase of War Reserve Materiel (WRM). tab TIG Brief 30:16 Jul 21 '78

- Supply assistance. TIG Brief 30:9 Mar 31 '78

Armed Forces--U. S.

- Hill panel (House Appropriations Committee) charges supply 'rip-off'--wants funds cut. AF Times 39:1+ Aug 14 '78

Army--U. S.

- Logistics intelligence file (Army Materiel Development and Readiness Command's Logistic Control Activity, Presidio of San Francisco). Maj James M. Link. illus Army Log 10:16-19 Nov-Dec '78

- The right stocks forward. Maj Lynn W. Kling. illus Army Log 10:20-23 Nov-Dec '78

- To stock or not to stock. Walter E. Belknap. tabs Army Log 10:28-29 Sep-Oct '78

- War reserves--stockpiles for defense. Steven Roman. illus tab Army Log 10:26-29 Jan-Feb '78

Marine Corps--U. S.

- 'More bang for the buck' shouldn't be just a slogan. Maj Edward L. House, Jr. illus MarCor Gaz 62:46-50 Aug '78

- SASSY (Supported Activities Supply SYstem) is a user's supply system. Maj R. W. Elsworth. illus tab MarCor Gaz 62:53-58 Oct '78

SUPPLY MANAGEMENT

- See also
Military Standard Requisitioning and Issue Procedures

SUPPLY MANAGEMENT - Continued

- Avfuels identaplates. TIG Brief 30:6 May 26 '78
- Base supply involvement in local manufacture. TIG Brief 30:10 Jul 21 '78
- Containerization comes to ammunition. Maj Edward G. Talpas. illus Army Log 10:12-16 May-Jun '78
- Controlling new parts proliferation. TIG Brief 30:12 Jan 20 '78
- Corps materiel management center. LtCol Jerry W. Betts. illus Army Log 10:30-33 Jul-Aug '78
- Hill panel (House Appropriations Committee) charges supply 'rip-off'--wants funds cut. AF Times 39:1+ Aug 14 '78
- How to improve your civil engineering holding areas. TIG Brief 30:4 Jun 23 '78
- Intransit data reporting. TIG Brief 30:14 Mar 17 '78
- MRP (Materiel Requirements Planning): The inventory control challenge of the future. Robert G. Stein. illus tabs Log Spectrum 11:15-20 Winter '77
- Management of tools. TIG Brief 30:4 Jan 20 '78
- A perspective of DESCOM (DEpot System COMmand). MajGen Robert L. Bergquist. illus tab Army Log 10:18-21 May-Jun '78
- Proper count message. MajGen Oren E. DeHaven. illus Army Log 10:2-5 Jul-Aug '78
- Proper count: Taking stock of the system. MSgt Bruce N. Bant. illus Soldiers 33:39-41 Sep '78
- Property accountability. MajGen Oren E. DeHaven. illus Air Def Mag, pp 34-36, Oct-Dec '78
- Reporting MDRs (Material Deficiency Reports). TIG Brief 30:15 Dec 15 '78
- SALS: The Standard Army Logistics System. Col Roland E. Peixotto. illus Army Log 10:28-33 May-Jun '78
- Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. illus Def Mgt J 14:39-41 Jul '78
- Supply accountability critical to Army. Review 58:26 Sep-Oct '78
- Supply assistance. TIG Brief 30:9 Mar 31 '78
- Supply: Better customer support. TIG Brief 30:16 Dec 15 '78
- Supply discipline. TIG Brief 30:13 Jan 6 '78
- Supply research: Tools and techniques. TIG Brief 30:13-14 Jan 20 '78
- A supply support checklist for Deputy Commanders for Maintenance (DCMs). TIG Brief 30:9-10 Feb 3 '78
- Tapping the commercial marketplace. Richard A. Stimson. illus Def Mgt J 14:32-38 Jul '78
- To stock or not to stock. Walter E. Belknap. tabs Army Log 10:28-29 Sep-Oct '78

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command Atlantic

SUPREME ALLIED COMMANDER, EUROPE see Allied Command Europe

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERALAir Force

(Air Force) Medical (Services) Center set up at Brooks (AFB, Tex). AF Times 39:23 Aug 28 '78

MajGen Paul Myers USAF Surgeon General. illus Aviation, Space & Envmt Med 49:1030 Aug '78

SURPLUS PROPERTY

The Defense Property Disposal Service: An organizational history. Bruce E. Krell and Jack M. Mogg. illus Log Spectrum 12:16-20 Fall '78

Hey, ya need a truck or maybe a crane? Review 57:30+ Jan-Feb '78

SURPRISE IN WARFARE

Antiaircraft ambushes. Col M. Kiryukhin. illus Soviet Mil Rev No. 7:26-27 Jul '78

Assault company. Maj Barry R. McCaffrey. illus Infantry 68:15-17 Mar-Apr '78

C³--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No. 6:860-864 '78

The military balance in Europe. Frederick W. Young. (Taken from The Soviet Military Buildup and U.S. Defense Spending, by Brookings Institution, 1977) illus tabs Mil Rev 58:38-45 Mar '78; Royal Air Forces Qtr 18:239-245 Autumn '78

NATO and the neutron bomb--and conventional war in Europe? tabs Def Monitor 7: entire issue Jun '78

The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78

SALT and Soviet nuclear doctrine. Stanley Sienkiewicz. Intl Sec 2:84-100 Spring '78

Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D. M. O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

Surprise in naval warfare. CAPTs Frank Andrews, Ret and Charles E. Woods, Ret. illus US Nav Inst Proc 104:84-97 May '78

A Warsaw Pact front commander's concept. LtCol George F. Steger. illus Mil Rev 58:2-4 Apr '78

With cutlass and sword (against pirates and terrorists). William L. Roper. illus MarCor Gaz 62:51-56 Apr '78

SURVEILLANCE

The aerial observer team and TACFIRE. Maj Gary N. Grubb. illus USA Avn Dig 24:12-14 Aug '78

Air Force maritime missions. Hamlin A. Caldwell, Jr. illus US Nav Inst Proc 104:28-36 Oct '78

Air Force Technical Surveillance Counter-Measures (TSCM) Program (AFR 205-14). TIG Brief 30:13 Apr 28 '78

Busy Observer I (Strategic Air Command missions flown in support of ocean surveillance and reconnaissance). 1stLt Milton Nielsen. illus Navigator 25:20-22 Winter '78

SURVEILLANCE - Continued

DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78

Foliage penetration radar--battlefield surveillance solution. Maj Richard A. O'Neil. illus Signal 33: 37-38+ Oct '78

Georgia Army National Guard. illus USA Avn Dig 24:23 Nov '78

High speed intelligence for the divisional commander. Patrick Meunier. illus NATO's Fifteen Nations 22: 90-91+ Oct-Nov '77

Martello--a new 3-D radar for the 1980s. Derek Wood. illus tabs Intl Def Rev 11, No. 6:889-890 '78

Rising costs stimulate the search for better ground surveillance radar. Barry Miller. illus Elect Warfare/Def Elect 10:41-42+ Feb '78

Surveillance and warning. Wallace D. Henderson. illus Signal 33:39-40+ Nov-Dec '78

Technical security checklist. TIG Brief 30:4 May 26 '78

U.S. Coast Guard remote sensing techniques. LCDR Dennis R. Freezer. illus tab Signal 33:16-18+ Oct '78

Study and Teaching

SPs will train force of 400 investigators. AF Times 38:28 Feb 6 '78

SURVEYING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Study and Teaching

Survey training indoors? Capts Frank W. Kocman and Charles E. Myers. illus Fld Arty J 46:32-35 May-Jun '78

SURVEYS

The BIQ (Base Inspection Questionnaire): An inspector's tool. TIG Brief 30:9 Oct 6 '78

Base inspection questionnaire. TIG Brief 30:5 Jul 7 '78

Commissary survey reflects significant savings. illus Review 58:28 Jul-Aug '78

Men, women like military about same. Rosemary Purcell. AF Times 38:21 Jul 17 '78

Q&A on Senior NCOA. AF Times 39:30+ Oct 2 '78

Your 2¢ worth. (AF surveys of personnel help to make policy decisions) MSgt Fred Harrison. illus Airman 22:16-17 Apr '78

SURVIVALSee also

Civil Defense
Evasion and Escape

SURVIVAL - Continued

Arctic knowledge. (Cold survival plan) illus Combat Crew 28:4-7+ Jan '78

Arctic shelters. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:16-18 Sep '78

Camouflage for battle survival. A. T. Sylvester II. illus Natl Def 63:48-49+ Jul-Aug '78

Can you survive? Escape & evasion in the winter. Capt Robert J. Fehrenback. illus Combat Crew 28:8-9 Oct '78

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Fat and happy. Sgt Herbert A. Kueker. illus Aerosp Safety 34:18-20 May '78

51 hrs at 45 below. (An ejection following a mid-air over the wilds of Alaska) Capt Roy McDonald. (Reprinted from Interceptor, May 1966) Interceptor 20:12-15 Feb '78

Know your enemy. Capt Milan J. Franceschi. illus Aerosp Safety 34:11-12 Nov '78

The modern Eskimo. Maj Gilbert C. Bodrak. illus Aerosp Safety 34:12-13 Aug '78

Nuclear survival. Sgt William F. Britton. illus tabs Aerosp Safety 34:26-28 Jun '78

The one-ring circus of P. T. McKee. Maj Wayne E. Griffin. illus Interceptor pt 1, 20:20-23 Aug '78

P. T. McKee--the second ring. (Survival in the jungle) Maj Wayne E. Griffith. illus Interceptor 20:8-14 Sep '78

The rescue of air crew. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:98-102+ Oct-Nov '77

Snakebite ... ho hum. Capt Howard R. Allen. illus Aerosp Safety 34:6-7 Feb '78

So you think ... it can't happen to you! LtCol William S. Barnitz. illus TAC Attack 18:4-6 Oct '78

Successful night helicopter rescue. illus Approach 23:16-17 Jan '78

Survival. Regular feature in issues of Aerospace Safety

When you gotta go--go. Rudolph C. Delgado. illus tabs Aerosp Safety 34:4-5 May '78; Condensation. AF Times 38:20 Jul 3 '78

SURVIVAL EQUIPMENT

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Down in the cold Atlantic. LT Jerome L. Petykowski. illus Aerosp Safety 34:10-13 Feb '78

A letter to aircrews on life support equipment. TIG Brief 30:7 Aug 4 '78

Life support training. Capt Frank Rosa. illus TAC Attack 18:10-12 Oct '78

Life support update. Regular feature in some issues of TAC Attack

Maintenance of the SRU-21/P survival vest. CW2 David P. Klindt. illus USA Avn Dig 24:17-19 Jun '78

SURVIVAL EQUIPMENT - Continued

The rescue of air crew. Comdr Chris Elliot. illus NATO's Fifteen Nations 22:98-102+ Oct-Nov '77

Successful night helicopter rescue. illus Approach 23:16-17 Jan '78

SURVIVAL TRAINING

Biathlon (cross-country skiing with rifle marksmanship) shoots ahead (at Camp Ripley, Minn). 1stLt John L. Plaster. illus Soldiers 33:28-31 Jun '78

Cold water immersion. SSgt William C. Joiner. tabs Aerosp Safety 34:6-7 Jan '78

Cool School (Arctic Survival School, Eielson AFB, Alaska). SSgt Robert S. Thompson. illus Aerosp Safety 34:20-22 Oct '78

Fat and happy. Sgt Herbert A. Kueker. illus Aerosp Safety 34:18-20 May '78

Jungle living. Capt Fred M. Berger and Lt Woitto N. Helenius. illus Infantry 68:45-47 Nov-Dec '78

Life support training. Capt Frank Rosa. illus TAC Attack 18:10-12 Oct '78

Safety review. LT Ted Bybel. illus Approach 23:18-22 Jan '78

Think about the unthinkable. Capt Charles F. Nowlin. illus USA Avn Dig 24:40-43 Aug '78

Water survival in the desert? Capt LeRoy Goodman. illus Air Reservist 29:14 Mar '78

SURVIVORS RIGHTS AND BENEFITS

Amendment to improve SBP turned down in Senate. 46-43. AF Times 38:4+ Jul 24 '78

At last! Survivor benefits. tabs Natl Guard 32:12-15 Nov '78

A close look at SBP issues. Andy Plattner. AF Times 39:10 Dec 11 '78

Comptroller sets limits on child's right to SBP. AF Times 39:29 Aug 7 '78

Diluted SBP moves. AF Times 39:15 Sep 11 '78

GAO says SBP overpay need not be paid back. AF Times 39:5 Oct 9 '78

Hearings postponed on changes to SBP. AF Times 38:8 Feb 13 '78

Most say they didn't receive counseling on survivor benefits. AF Times 38:4 Feb 27 '78

No help for the (Guardman's and Reservist's) widow. Natl Guardsman 32:8-11 Mar '78

Panel (House Veterans Affairs Compensation and Pension Subcommittee) boosts DIC (Dependency and Indemnity Compensation). AF Times 38:14 May 1 '78

Panel (Senate Armed Services Committee) boosts some survivor benefits. AF Times 39:1+ Sep 4 '78

Reserves under 60 can opt for SBP. AF Times 39:3 Nov 13 '78

'Retired question': No simple answer. Bruce Calander. AF Times 39:14 Aug 28 '78

SURVIVORS RIGHTS AND BENEFITS - Continued

Revised reg (AFR 30-25) emphasizes better aid to next-of-kin. AF Times 39:10 Aug 28 '78

SBP vs private plans. AF Times 39:22 Dec 25 '78

Sen Nunn to hit SBP inequities. AF Times 39:4 Aug 28 '78

Some things you might want to know about SBP. Janet Hake. illus tabs Soldiers 33:33-36 Mar '78

Summary of SBP legislation for retired military personnel. Col A.H. Humphreys. Officer 54:20-21 Dec '78

13 states levy tax on benefit plans. AF Times 38:39 Apr 3 '78

Trying to outguess the SBP formula. Andy Plattner. tab AF Times 39:12+ Dec 18 '78

Costs

SBP: Examples of costs. Andy Plattner. AF Times 39:12+ Dec 25 '78

SVENDSEN, Leroy W., Jr

Air Force Military Personnel Center. por AF Mag 61:105-106 May '78

SWITCHING SYSTEMS

How ULMS (Unit Level Message Switch) will serve the Commander. LtCol R. Saenz. MarCor Gaz 62:54-55 Mar '78

(New telephone switching system for command posts) Signal 33:82 Oct '78

SYLVESTER, George H.

(Aeronautical Systems Division) Interview. LtGen George H. Sylvester. por Mil Elect/Countermeasures 4:15+ Nov '78

SYSTEMS ANALYSISSee also

Economic Analysis

An application of logistic support models. Henry C. Okraski. illus Log Spectrum 12:25-29 Summer '78

C³ architecture and interoperability. (Convention panel, AFCEA, Washington, June 20-22, 1978) Col Thomas H. Thompson and others. illus Signal 32:67-83 Aug '78

The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78

Defense systems analysis ... one more time. George F. Brown, Jr. illus Nav War Col Rev 31:28-34 Fall '78

'The great debate of 1978': The Navy strikes back. L. Edgar Prina. illus Sea Power 21:11+ Mar '78

Operations research and the air base. Maj Charles E. Ebeling. illus AU Rev 29:43-48 Jul-Aug '78

Sometimes single point failures are acceptable. TIG Brief 30:22 Feb 17 '78

Tactical communications for the future. (Convention panel, AFCEA Convention, Washington, June 20-22, 1978) Dale Milford and others. illus Signal 32:84:98 Aug '78

SYSTEMS ENGINEERING

How to live with reliability engineers. George Feineman. illus tab Log Spectrum 12:34-37 Spring '78

The software dependent project. Howard L. Yudkin. illus Signal 32:33-35 Jul '78

TACS see Tactical Air Control System

TAWC see Tactical Air Warfare Center

TDY see Temporary Duty

TOPLINE (Total Officer Personnel Objective Structure for the Line Officer Force)

More 'visual' TOPLINE set for 1979. M.L. Craver. AF Times 39:4 Nov 6 '78

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

Defense communications systems. George L. Salton. illus Signal 33:44+ Nov-Dec '78

The Marine Corps tactical telephone system. Maj Ray E. Huebner. illus Signal 32:88+ May-Jun '78

TRI-TAC considerations of electronic warfare. Frank S. Gutleber and Loren Diedrichsen. illus Signal 32:52+ Mar '78

Test and evaluation of TRI-TAC equipment. LtCol David L. Washington. illus chart Def Sys Mgt Rev 1:73-83 Winter '77

TSARCOM see Army Troop Support and Aviation Materiel Readiness Command

TACAN

Where will we be without Tacan? Capt Michael J. Schultz. illus Navigator 25:11-12 Winter '78

TACTICAL AIR COMMAND

See also

Air Force, 9th

Air Force, 12th

Air Force Southern Air Division (TAC)

Blue Flag: Building the battle staffs. Bonner Day. illus AF Mag 61:140-145 Sep '78

The (Flying) Tigers who roared. (TAC unit wins the RAF Strike Command's 1977 Tactical Bombing and Navigation Competition) MSgt Dennis Sweatt. illus Airman 22:2-7 Apr '78

(Gen Robert J.) Dixon: Thoughts at a retirement. Bruce Callander. illus AF Times 38:23 May 1 '78

I came, I saw, I conquered. (1977 RAF Tactical Bombing Competition, Oct 5-10, 1977) illus TAC Attack 18:4-7 Feb '78

'Personalized' moving program. TIG Brief 30:15 Aug 25 '78

Players. (Fighter pilots receive realistic training at Nellis AFB, Nev, during aerial combat mission exercises) Robert K. Ruhl. illus Airman 22:21-29 Aug '78

Red Flag: Realism on the range. John Joss. illus AF Mag 61:40-44 Aug '78

Red Flag: The next best thing to combat. Capt Bill Craigg. illus Combat Crew 28:8-10 Dec '78

TAC-TRADOC dialogue. Gen Robert J. Dixon. illus charts Strat Rev 6:45-54 Winter '78

TACTICAL AIR COMMAND - Continued

The TAC WSO (Weapon System Officer). Maj Terrence M. Murphy and Capt James T. Bridges. illus Navigator 25:13-14 Winter '78

Tac aircraft dominate hardware (in FY 1979 Defense budget). Len Famiglietti. AF Times 38:38 Feb 6 '78

Tactical Air Command. illus charts AF Mag 61:82-84 May '78

Tactical Air Command: Getting ready for blitzkrieg war. Benjamin F. Schemmer. Armed Forces J Intl 114:18-19 Mar '77

War as a daily diet. Capt Terry Millard and LtCol Gary Michels. illus USAF Ftr Wpns Rev, pp 1-2, Fall '78

When Moody got bluer. (TAC adds Reserves to its maintenance, munitions, and aircrew forces at Moody AFB, Ga, in a test program) Maj Terry A. Arnold. illus Airman 22:9-13 Aug '78

TACTICAL AIR CONTROL SYSTEM

(Flying radar stations can now transmit pictures and data to ground-based TACS in Europe) Signal 32:92 Mar '78

Traveling tent show. (USAF maintains mobile units in Germany for tactical air control) SMSgt Harold Newcomb. illus Airman 22:32-38 Feb '78

TACTICAL AIR FORCES

Tactical offensive air power and the 1(BR) Corps battlefield. Maj G.G. Messervy-Whiting. RUSI J for Def Studies 123:23-26 Sep '78

NATO

Tactical airpower on the battlefield of tomorrow: The search for a mission. Charles J. Dick. tab RUSI J for Def Studies 123:42-45 Jun '78

Russia

Soviet frontal aviation: Rising star over the FEBA (Forward Edge of the Battle Area). John Fullerton. illus Def & For Aff Dig 6, No. 9:56-59+ '78

Soviet tactical airpower. Colin S. Gray. illus tab NATO's Fifteen Nations 23:46-48+ Aug-Sep '78

United States

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

Developments in air warfare. George E. Blackshaw. illus tabs Natl Def 63:42-46+ Sep-Oct '78

'A road map to readiness for the future.' illus Air Reservist 29:16-17 Feb '78

Tac air: An Army view. BrigGen Charles E. Canedy. AF Mag 61:56-57 Feb '78

Equipment

Converting a tactical fighter wing or flying in ever-diminishing concentric circles. LtCol Joseph Roderio. illus TAC Attack 18:24-26 Oct '78

TACTICAL AIR WARFARE CENTER

Blue Flag: Building the battle staffs. Bonner Day.
illus AF Mag 61:140-145 Sep '78

We do it first. (4485th Test Sq) Maj Davy M. Bass.
illus TAC Attack 18:4-7 Jan '78

TACTICAL COMMUNICATIONSSee also

TRI-TAC Program

C³ architecture and interoperability. (Convention panel, AFCEA, Washington, June 20-22, 1978) Col Thomas H. Thompson and others. illus Signal 32:67-83 Aug '78

Combat support. Everett D. Greinke. illus tab Signal 33:23-24+ Nov-Dec '78

Communications and crisis actions. BrigGen Charles E. Williams, Jr, Ret. illus maps tab AU Rev 29: 2-8 Mar-Apr '78

Communications jamming training for tactical air control. TIG Brief 30:9 Dec 15 '78

Defense communications systems. George L. Salton. illus Signal 33:44+ Nov-Dec '78

JTIDS (Joint Tactical Information Distribution System) to hand off airborne missiles. illus Elect Warfare/Def Elect 10:56-57 Feb '78

Keeping the morning calm. (1st Signal Brigade in Korea) Col James L. Young. illus Signal 32:52-56+ Feb '78

The Marine Corps Landing Force Integrated Communications System. Don Ingerman. illus tabs Signal 32:67-70+ May-Jun '78

The Marine Corps tactical telephone system. Maj Ray E. Huebner. illus Signal 32:88+ May-Jun '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

Shoot ... move ... communicate. Eric C. Ludvigsen. illus Army 28:30-34 Apr '78

Tactical C³: Bringing order out of chaos. F. Clifton Berry, Jr. illus tab Armed Forces J Intl 115: 13-20+ Apr '78

Tactical C³: The modern challenge. LtGen Robert T. Marsh. illus Signal 33:14-17 Sep '78

Tactical C³: The modernization challenge. (Remarks, Washington Chapter, Armed Forces Communications and Electronics Assoc, Washington, April 6, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 7:8-14 Jul '78

Tactical communications for the future. (Convention panel, AFCEA Convention, Washington, June 20-22, 1978) Dale Milford and others. illus Signal 32:84-98 Aug '78

Transportable communications: Are they really the answer? LtCol Monroe J. Taranto. illus map tabs Signal 33:41-43 Sep '78

Trends in tactical command and control. LTJG Dennis Lambell. illus US Nav Inst Proc 104:99-103 Feb '78

Wavell: Tactical C³ for the British Army. R.B. Pen-gelley. illus Intl Def Rev 11, No. 5:737-738 '78

TACTICAL FORCES see General Purpose Forces;
Tactical Air Forces

TACTICAL WARFARE

The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmus-sen. illus map tabs AU Rev 29:2-20 Jul-Aug '78

Defense suppression as a basic operational mission. LtCol David Brog. illus tab AU Rev 29:9-12 Mar-Apr '78

The development of nuclear strategy. Bernard Bro-die. Intl Sec 2:65-83 Spring '78

Enhanced radiation warheads: Setting the record straight. S.T. Cohen. illus tab Strat Rev 6:9-17 Winter '78

Foliage penetration radar--battlefield surveillance solution. Maj Richard A. O'Neil. illus Signal 33: 37-38+ Oct '78

Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78

The indirect fire threat (to Army Aviation). Capt Robert K. Stephan. illus USA Avn Dig 24:15-17 Jul '78

Marines don't write about warfare. W.S. Lind. MarCor Gaz 62:14-15 Feb '77

Offensive attack helicopter operations. Maj Frank T. Peterlin. illus USA Avn Dig 24:42-46 Jul '78

Tactical Air Command: Getting ready for blitzkrieg war. Benjamin F. Schemmer. Armed Forces J Intl 114:18-19 Mar '77

Tactical air war thinking. David Harvey. illus Def & For Aff Dig 6, No. 1:28-29 '78

Tactical employment of atomic demolition munitions. Capt John F. Rybicki. illus tab Mil Rev 58:24-30 May '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Don-nelly. illus Intl Def Rev 11, No. 9:1405-1412 '78

Tactical thinking for the Mediterranean. LCDR Ken-neth R. McGruther. illus US Nav Inst Proc 104: 106-109 Jan '78

TACTICSSee also

Attack and Defense (Military Science)

Airborne armor. LtCol Albert S. Britt. illus Mil Rev 58:60-64 Sep '78

An analytical approach to terrain analysis and allo-cation of combat power. Maj Lon E. Maggart. illus Mil Rev 58:34-45 Apr '78

Antiship cruise missiles. CAPT William J. Ruhe, Ret. illus Natl Def 63:30-32+ Nov-Dec '78

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

FM 100-5. Gen Donn A. Starry. illus Mil Rev 58: 2-11 Aug '78

From brigade to division. Col Gideon Avidor. illus Mil Rev 58:64-71 Oct '78

Images of the future battlefield. Maj Robert A. Doughty and L.D. Holder. illus Mil Rev 58:56-69 Jan '78

TACTICS - Continued

- The indirect approach. Maj Robert F. Helms II. illus Mil Rev 58:2-9 Sep '78
- More dilemmas in studying Soviet tactics. LtCol George F. Steger. illus Mil Rev 58:88-96 Feb '78
- An open book (terrain). Col John C. Gazlay, Ret. illus Mil Rev 58:47-49 Oct '78
- PGMs (Precision Guided Munitions) are changing the combat picture. Ferdinand Otto Miksche. illus Mil Rev 58:10-18 Jul '78
- Rear area security with an "elastic FEBA." LtCol Moorad Mooradian. illus Mil Rev 58:43-49 Sep '78
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. illus Intl Def Rev 11, No.9:1405-1412 '78
- Tactics. LT Christopher H. Johnson. illus US Nav Inst Proc 104:37-43 Oct '78
- Urbanized terrain: Perspective and patterns. LtCol John W. Burbery, Jr. Ret. illus maps Mil Rev 58:3-10 Mar '78

History

- Arthur L. Wagner: Doctrine and lessons from the past. Maj Michael D. Krause. illus Mil Rev 58: 53-59 Nov '78

Study and Teaching

- Ammunition Tactics-I. LtCol William W. Breen. illus Fld Arty J 46:44-48 Jul-Aug '78
- Gun and run. Capt Allan M. Resnick. illus Fld Arty J 46:48-49 Mar-Apr '78

TACTICS, AIR

- The Air Force connection. Air Def Mag, p 41, Jul-Sep '78
- The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78
- Detached mutual support. Maj Thomas C. Sokol. illus USAF Ftr Wpns Rev, pp 24-26, Fall '78
- Flying the F-4 leading edge slat. Capt Frank J. Romaglia. (Condensed from TAC Attack, March 1977) illus TAC Attack 18:12-15 Nov '78
- Gunfighter. Capt O.J. Davis, Jr. illus tabs USAF Ftr Wpns Rev, pp 8-17+, Summer '78
- The indirect fire threat (to Army Aviation). Capt Robert K. Stephan. illus USA Avn Dig 24:15-17 Jul '78
- JAWS (Joint Attack Weapons Systems). Maj Joe Beach. illus tab USA Avn Dig 24:44-47 Sep '78
- JAWS (Joint Attack Weapons Systems) chew armor in new ways: Army-Air Force tests devise winning tactics. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:32-34 Jan '78
- A little warthog in all of us. (Joint Attack Weapons Systems (JAWS) exercises) Capt John W. Lieberherr. illus USAF Ftr Wpns Rev, pp 10-11, Fall '78
- Loss of consciousness during air combat maneuvering. Maj James E. Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78

TACTICS, AIR - Continued

- MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No.9:1429-1434 '78
- Manoeuvre and fire in air combat. MajGen N. Tuzov. illus Soviet Mil Rev No. 7:19-21 Jul '78
- Offensive attack helicopter operations. Maj Frank T. Peterlin. illus USA Avn Dig 24:42-46 Jul '78
- Soviet frontal aviation: Rising star over the FEBA (Forward Edge of the Battle Area). John Fullerton. illus Def & For Aff Dig 6, No. 9:56-59+ '78
- Tactical air war thinking. David Harvey. illus Def & For Aff Dig 6, No. 1:28-29 '78

History

- Fighter tactics. (Soviet fighter tactics during the Great Patriotic War of 1941-1945) Col Ye. Veraksa. illus Soviet Mil Rev No. 3:35-37 Mar '78

Study and Teaching

- ACMR (Air Combat Maneuvering Range): The closest thing to dogfighting. Capt R.K. Ferguson. illus Aerosp Intl 14:38+ Apr-May '78
- Air-to-air multi-threat planning. Capt Ronald E. Keys. illus USAF Ftr Wpns Rev, pp 2-6, Spring '78
- Analogies and implications from fixed wing ACM (Air Combat Maneuvering). George Haering. illus tab USA Avn Dig 24:7-11 Apr '78
- The bandits. (USAF Aggressor squadrons play the role of the enemy) TSgt Herman J. Kokojan and SMSgt Harold Newcomb. illus Airman 22:20-26 Mar '78
- The bottom line. Capt Clyde B. Phillips. illus USAF Ftr Wpns Rev, pp 20-25, Winter '77
- The day of the E-3A tactical test. Col Dwayne P. Wright. illus tab map AU Rev 29:58-73 Sep-Oct '78
- Getting there is half the fun. Maj Rick Teague. illus USAF Ftr Wpns Rev, pp 2-7, Summer '78
- Low angle bombing. Maj Alex Harwick. illus USAF Ftr Wpns Rev, pp 15-17+, Spring '78
- Notes from an aggressor pilot. Capt A. Lee Harrell. illus Air Def Mag, pp 14-17, Apr-Jun '78
- Players. (Fighter pilots receive realistic training at Nellis AFB, Nev, during aerial combat mission exercises) Robert K. Ruhl. illus Airman 22:21-29 Aug '78
- Pop-up attacks. Capt Thomas A. Dyches. illus USAF Ftr Wpns Rev, pp 1-13, Winter '77
- Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78
- Red Flag: Best training ... next to the real thing. Maj Teb Baines and Barbara Ann Vessels. illus Air Reservist 29:14-15 Dec '77-Jan '78
- Red Flag: Little impact on aircraft loss rate. Len Famiglietti. AF Times 39:4 Sep 18 '78
- Red Flag mistakes. 1stLt Billy Barbour. illus TAC Attack 18:10-11 Mar '78
- Red Flag: The next best thing to combat. Capt Bill Craig. illus Combat Crew 28:8-10 Dec '78

TACTICS, AIR - ContinuedStudy and Teaching - Cont'd

Risk versus reality. Maj Lawrence E. Wagy. illus tabs *Aerosp Safety* 34:2-4 Mar '78

Training to fight "your responsibility." Maj Gary A. Michels and Capt Terry L. Millard. illus TAC Attack 18:22-23 Apr '78

War as a daily diet. Capt Terry Millard and LtCol Gary Michels. illus USAF Ftr Wpns Rev, pp 1-2, Fall '78

The wedge. Capt Preston T. Duke. illus USAF Ftr Wpns Rev, pp 14-17, Winter '77

The wheel is getting better. Capt M.G. Brandt. illus TAC Attack 18:18-20 Aug '78

TALLMAN, Kenneth L.

Air Force Academy. por AF Mag 61:112 May '78

TANK WARFARE see Armored WarfareTANKERS

The Amoco Cadiz: An avoidable disaster? CDR J.W. McCurdy, Ret. illus US Nav Inst Proc 104:109-110 Jun '78

The most bitter winter (for the Coast Guard, 1976-77). CAPT Lawrence A. White. illus US Nav Inst Proc 104:158-169 May '78

TANKS, MILITARY

The survival of tanks in battle. Maj D.E. King. illus tab RUSI J for Def Studies 123:26-31 Mar '78

Tank-automotive news. Regular feature in some issues of *National Defense*

Armament

Army narrows gun choice. illus Armed Forces J Intl 115:12 Jan '78

Army to arm later XM-1 tanks with German gun. Officer 54:8 Apr '78

Better reasons behind Army's 120 mm XM-1 gun choice than made public? illus Armed Forces J Intl 116:14+ Mar '78

Heavier armament for IFVs and reconnaissance vehicles? Hasso Erb. illus tab Intl Def Rev 11, No. 7: 1101-1105 '78

House panel (Armed Services Investigations Subcommittee) blasts XM-1 120mm gun choice on every possible count. Armed Forces J Intl 115:9 Jul '78

MBT 80 moves into project definition phase. Intl Def Rev 11, No. 8:1339 '78

The Merkava Mk1--an Israeli tank ready for series production. illus Intl Def Rev 11, No. 7:1049-1052 '78

A new 90mm light gun from Belgium. LtCol P. Crèvecoeur. illus tabs Intl Def Rev 11, No. 7:1152 '78

Origins of Soviet tank guns. Larry W. Williams and Joseph E. Backofen, Jr. illus tabs Armor 87:48-51 Mar-Apr '78

Stabilized tank gun controls. R.M. Ogorkiewicz. illus Intl Def Rev 11, No. 5:725-728 '78

TANKS, MILITARY - ContinuedArmament - Cont'd

Subcaliber training devices. LtCol Armand E. Racine. illus Armor 87:37-39 Jan-Feb '78

U.S. Army explains XM-1 gun choice. Interview. Clifford L. Alexander. Intl Def Rev 11, No. 3: 441 '78

U.S. 120 mm tank gun decision under fire. Intl Def Rev 11, No. 5:665-667 '78

Characteristics

M-60A3 plus. Maj Donald W. Derrah. illus tab Armor 87:27-29 Jul-Aug '78

MBT 80 moves into project definition phase. Intl Def Rev 11, No. 8:1339 '78

7 of 11 XM-1 pilot vehicles downed by engine failure. R.L. Janisch. illus Armed Forces J Intl 116:12 Oct '78

T-72. (The latest in Soviet tank technology) Sgt Donald L. Teater. illus Armor 87:61-64 Jul-Aug '78

XM-1 update II. LtCol R.R. Taylor, Jr. Ret. illus tabs Armor 87:30-34 May-Jun '78

Design

Leopard 2 AV. Richard M. Ogorkiewicz. illus Armor 87:10-13 Jan-Feb '78

MBT 80 moves into project definition phase. Intl Def Rev 11, No. 8:1339 '78

The Merkava Mk1--an Israeli tank ready for series production. illus Intl Def Rev 11, No. 7:1049-1052 '78

Soviet armor: A study in efficiency. A.W. McMaster III. illus tab Armor 87:30-33 Jan-Feb '78

XM-1 engine problems drop 50% since modifications. R.I. Janisch. illus Armed Forces J Intl 116:16 Dec '78

Maintenance and Repair

Myth of the Soviet driver-mechanic. Capts Joel M. Grover and John Kirby. illus tabs Armor 87:42-44 Mar-Apr '78

XM-1 engine problems drop 50% since modifications. R.I. Janisch. illus Armed Forces J Intl 116:16 Dec '78

Power Plants

Gas turbines or diesels for tanks? R.M. Ogorkiewicz. illus tabs Intl Def Rev 11, No. 6:913-916 '78

Study and Teaching

Control of tank drivers' training. Maj K. Topal. illus Soviet Mil Rev No. 3:23-24 Mar '78

Tank training simulators. R.M. Ogorkiewicz. illus Intl Def Rev 11, No. 2:237-242 '78

Germany (Federal Republic)

The Begleitpanzer 57 mm--a new combat vehicle concept for the '90s. illus tab Intl Def Rev 11, No. 2:222-224 '78

TANKS, MILITARY - ContinuedGermany (Federal Republic) - Cont'd

The Gepard AA tank--a technical solution to a tactical problem. G.Löwe. illus tab Intl Def Rev 10: 1083-1086 Dec '77

Leopard 2 AV. Richard M. Ogorkiewicz. illus Armor 87:10-13 Jan-Feb '78

Maintenance and Repair

Gepard (tank) support infrastructure. Joachim Mayer. illus Intl Def Rev 11, No.3:412-416 '78

Great Britain

The Day of the Scorpion (Combat Vehicle Reconnaissance Tracked). Col Norman L. Dodd. Army Qtr 107:438-442 Oct '77

MBT 80 moves into project definition phase. Intl Def Rev 11, No.8:1339 '78

Israel

The Merkava Mk1--an Israeli tank ready for series production. illus Intl Def Rev 11, No.7:1049-1052 '78

Russia

Details of the Soviet T-72 battle tank. illus Intl Def Rev 10:1031-1034 Dec '77

The development of the Russian main battle tank: 1946-77. Maj D.M.O. Miller. illus tabs RUSI J for Def Studies 123:31-37 Mar '78

Myth of the Soviet driver-mechanic. Capts Joel M. Grover and John Kirby. illus tabs Armor 87:42-44 Mar-Apr '78

Origins of Soviet tank guns. Larry W. Williams and Joseph E. Backofen, Jr. illus tabs Armor 87:48-51 Mar-Apr '78

Soviet armor: A study in efficiency. A.W. McMaster III. illus tab Armor 87:30-33 Jan-Feb '78

Soviet long-range planning. Andrew W. Hull. tab illus Armor 87:20-23 Jul-Aug '78

T-72. (The latest in Soviet tank technology) Sgt Donald L. Teater. illus Armor 87:61-64 Jul-Aug '78

T-72--Soviet medium tank. Pictorial. Armor 87: 34-36 Jan-Feb '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. illus Intl Def Rev 11, No.9:1405-1412 '78

The technological level of Soviet industry. John Fullerton. Def & For Aff Dig 6, No.1:30-31+ '78

(Training up for the Central Battle) (Opening remarks, 1978 Armor Conference) MajGen Thomas P. Lynch. Armor 87:30-32 Jul-Aug '78

History

Fire, manoeuvre, protection--Soviet tanks, 1941-1945. LtCol N. Yelshin. illus Soviet Mil Rev No.8: 28-30 Aug '78

TANKS, MILITARY - ContinuedUnited States

M-60A3 plus. Maj Donald W. Derrah. illus tab Armor 87:27-29 Jul-Aug '78

Master gunner. SSgt John Savard. illus Soldiers 33: 36-39 Feb '78

Mobile protected weapons system may be a substitute for tanks. Maj F.T. Klabough. illus tabs MarCor Gaz 62:31-34 Mar '78

A modest proposal for management by major weapon system. 1stLt James D. Cook. tabs Def Mgt J 14: 19-26 Jan '78

7 of 11 XM-1 pilot vehicles downed by engine failure. R.L. Janisch. illus Armed Forces J Intl 116:12 Oct '78

Soviet armor: A study in efficiency. A.W. McMaster III. illus tab Armor 87:30-33 Jan-Feb '78

Tank force management. BrigGen Richard D. Lawrence. Armor 87:47-50 Jul-Aug '78

XM-1 engine problems drop 50% since modifications. R.L. Janisch. illus Armed Forces J Intl 116:16 Dec '78

XM-1 update II. LtCol R.R. Taylor, Jr. Ret. illus tabs Armor 87:30-34 May-Jun '78

Warsaw Pact

Air power at Kursk: A lesson for today? Capt Lonnie O. Ratley III. (Condensed from RUSI Journal for Defence Studies, June 1977) illus Mil Rev 58:54-62 Apr '78

TARGET ACQUISITIONSee also

Detection Equipment

AIMVAL/ACEVAL (Air Intercept Missile EVALuation/Air Combat EVALuation) shows need for electro-optics. illus Elect Warfare/Def Elect 10: 61-63 Feb '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

Attacking the irregular shaped target. Maj Thomas L. Hennigh and 1stLt Ronnie E. Reid. illus tabs Fld Arty J 46:36-40 Sep-Oct '78

BETA (Battlefield Exploitation and Target Acquisition)--basis for a new sensor sorter. Dan Boyle. illus Intl Def Rev 11, No.8:1275-1276 '78

Boresight harmonization: Essential requirement for modern weapons systems. Henry M. Courten. illus Natl Def 63:38-41+ Sep-Oct '78

Counterfire with TACFIRE. Capt Jimmie H. Henson. illus Fld Arty J 46:54-55 Jul-Aug '78

DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78

GBU-15 modular guided weapon system. Capt David J. Ladurini. illus TAC Attack 18:20-22 May '78

(Ground Laser Locator Designator--GLLD pinpoints targets) Signal 33:78 Sep '78

TARGET ACQUISITION - Continued

A guiding light (GLLD, Ground Laser Locator Designator). TSgt Janet Wright. illus Air Reservist 29:6-7 Mar '78

Gun cross and range estimation. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, p 12, Fall '78

Gunfighter. Capt O.J. Davis, Jr. illus tabs USAF Ftr Wpns Rev, pp 8-17+, Summer '78

Hughes developing new laser system (Modular Universal Laser Equipment, MULE). illus MarCor Gaz 62:4 Sep '78

Independent training of radar operators. MajGen L. Grachyov. illus Soviet Mil Rev No. 9:23-24 Sep '78

A new generation of field artillery computing systems. LtCol J.J. Cooke, Ret. illus Intl Def Rev 11, No. 3:393-395 '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

SOTAS--StandOff Target Acquisition System. Col August M. Cianciolo. illus Signal 33:6-8 Oct '78

Thermal imaging systems from Hughes. Rudi Meller. illus Intl Def Rev 11, No. 5:739-742 '78

The USAF's PLSS (Precision Location/Strike System) program. Gowri S. Sundaram. illus Intl Def Rev 11, No. 9:1440-1441 '78

Using laser technology on the modern battlefield. Maj R. Edwards and L. Weeks. illus MarCor Gaz 62:35-40 Mar '78

Equipment

The baron rides again: Tomorrow's TA (Target Acquisition)? Col Arthur R. Hercz, Ret. illus Fld Arty J 46:37-39 Mar-Apr '78

Study and Teaching

F-15 "B" scope interpretation. Capt Gary L. Pahl. illus USAF Ftr Wpns Rev, pp 26-29, Spring '78

Pop-up attacks. Capt Thomas A. Dyches. illus USAF Ftr Wpns Rev, pp 1-13, Winter '77

TARGET ANALYSIS

Munitions effectiveness, the optimum shell/fuze combination matrix: A guide for issuing an effective fire order. Capt Larry D. Aaron. illus Fld Arty J 46:34-36 Mar-Apr '78

Tactical offensive air power and the 1(BR) Corps battlefield. Maj G.G. Messervy-Whiting. RUSI J for Def Studies 123:23-26 Sep '78

TARGET IDENTIFICATION see Target AcquisitionTARGETS

Beyond the no bornb line--fire support coordination for the 1980s. Capt Peter M. Ossorio. illus Mil Rev 58:72-76 Oct '78

Moving land target system (for A-10 strafing tactics training). illus Remotely Piloted Mag 6:14+ Jan '78

TARGETS, AERIALSee also

Drones

Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78

TASHJIAN, Michael J.

What makes procurement unique at the Energy Department. Interview. Michael J. Tashjian. por Govt Exec 10:13-17 Jan '78

TATE, Jackson R.

We rode the covered wagon (CV-1, Langley). RADM Jackson R. Tate, Ret. por US Nav Inst Proc 104: 62-69 Oct '78

TAXES AND TAXATION

Court bars quarters tax threat (in California). AF Times 38:1+ Feb 27 '78

Disabled retirees win tax break on annuity. AF Times 38:41 Apr 24 '78

Don't forget those state taxes--rules, deadlines listed. Randall Shoemaker. AF Times 38:21+ Mar 27 '78

Fringe benefits tax: The battle is on. Randy Shoemaker. AF Times 38:8 Jul 17 '78

IRS says forms simpler this year. Randall Shoemaker. illus AF Times 38:21+ Feb 27 '78

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. tab illus Govt Exec 10: 17-19 Oct '78

Jr EM tax break OK'd by Treasury. Randy Shoemaker. AF Times 38:3 May 22 '78

Military to get tax-cut break. Tom Philpott. tab AF Times 39:1+ Nov 13 '78

The outlook for imported energy. Warren E. Burch. illus tabs Log Spectrum 12:11-15 Spring '78

Some may get 'negative tax' break. AF Times 38:4 Jan 23 '78

A tale of two taxes (Federal and state). Steve Abbott. illus tab Soldiers 33:26-30 Jan '78

Tax break: Most due more than 5.5 percent. AF Times 39:12 Sep 25 '78

Tax incentives for exports: "Havens for the privileged few?" C.W. Borklund. illus Govt Exec 10:48+ Nov '78

13 states levy tax on benefit plans. AF Times 38:39 Apr 3 '78

TAYLOR, James, Jr

Professionalism: The guardian of social order. (Remarks, Wayne County Bar Assoc, Goldsboro, NC, May 5, 1978) BrigGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:15-19 Jul '78

TAYLOR, Maxwell D.

A professional ethic for the military? Gen Maxwell D. Taylor, Ret. Army 28:18-21 May '78

What if SALT II fails? Gen Maxwell D. Taylor, Ret. AEI Def Rev 2, No. 4:15-23 '78

TAYLOR, Robert C.

Defense and cooperation: The USAF in Korea. (Remarks before Songtan-Up Chapter, Lions International, Feb 15, 1978) MajGen Robert C. Taylor. AF Plcy Ltr for Comdrs: Sup No. 5:24-27 May '78

TEACHERS AND TEACHING

See also

Instructor Pilots

A day in the life of a drill sergeant. Sgt1C Matt Glasgow. illus Soldiers 33:6-14 Aug '78

E-4 Sgts can teach NCO PME. AF Times 38:12 Jan 23 '78

Instruction: A matter of life or death. TSgt James W. Swanson. illus TAC Attack 18:24-26 Jun '78

Many instructors due pro pay boost. Bruce Calander. AF Times 38:2 Apr 10 '78

Talking with the man upstairs. (The USAF Academy Executive Writing Course travels to various agencies) Robert K. Ruhl. illus Airman 22:32-37 Mar '78

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Accurate Time Compliance Technical Order (TCTO) reporting. TIG Brief 30:10 Mar 3 '78

Adherence to tech data: A pie in the sky standard? TIG Brief 30:15 Apr 28 '78

Checklist complete? TIG Brief 30:20 Feb 3 '78

Computer program deficiency reporting. TIG Brief 30:11 Mar 31 '78

Fliers--2; fixers--0! (Forms 781) Capt David V. Froehlich. Aerosp Safety 34:4-5 Jun '78

Materiel Deficiency Report (MDR) processing. TIG Brief 30:11 Mar 31 '78

Nondestructive testing technology improvements. TIG Brief 30:10 Feb 17 '78

The only answer. (Technical manual) illus USA Avn Dig 24:8-11 Jan '78

Time Compliance Technical Order (TCTO) program. TIG Brief 30:9-10 Oct 20 '78

TECHNICAL PERSONNEL see Manpower, Technical

TECHNICAL REPRESENTATIVES see Field Representatives

TECHNICAL WRITING

A check list for written communication. George F. McCandless, Jr. (Condensed from Logistics Spectrum, Winter 1972) Log Spectrum 12:8-9 Fall '78

For good technical writing, eliminate those long sentences. Elizabeth Tebeaux. Mil Engr 70:244-246 Jul-Aug '78

TECHNOLOGY

See also

War and Technology

TECHNOLOGY - Continued

A compass for the crystal ball. John Rhea. illus Sea Power 21:31-35 Jan '78

Computer guidance for the cruise missile. Charles DeVore. illus Signal 32:66-69 Jan '78

DARPA research in surveillance and target acquisition. Gordon H. Sigman, Jr. Signal 33:25-28+ Oct '78

Defense suppression--mission or tactic? WgComdr Hans F. Roser. illus AU Rev 29:26-30 Jul-Aug '78

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 2:4-6+ '78

Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78

Harnessing the software revolution to meet Navy needs. James S. Campbell. illus tabs Def Mgt J 14:16-23 May '78

Helping the cities: Are the Feds taking the easy way? illus Govt Exec 10:18-19+ Nov '78

How DOD maintains strategic deterrence through technology. William J. Perry. illus Command 1: entire issue Aug '78

The impact of strategic and technological innovations on nuclear deterrence. Harold Molineu. illus Mil Rev 58:7-16 Jan '78

(Importance of communications and electronics to our Armed Forces) (Industrial luncheon address, AFCEA Convention, Washington, June 20-22, 1978) Charles W. Duncan, Jr. illus Signal 32:44-45 Aug '78

Intelligence and national security. James H. Babcock. illus Signal 33:16-18+ Nov-Dec '78

Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78

Microwave transistor amplifiers, oscillators continue steady march in retrofit market. illus Elect Warfare/Def Elect 10:89-90+ May '78

The military/aerospace IC (Integrated Circuit) market, 1978. John D. Shea. tabs Mil Elect/Countermeasures 4:87-88 Apr '78

Military aspects of Farnborough International '78. illus Intl Def Rev pt 1, 11, No. 8:1209-1212 '78

Military Institute of the Future. Anthony L. Wermuth. illus Natl Def 63:47-49+ Sep-Oct '78

Military R&D: Congress' mental block. John F. Judge. illus Govt Exec 10:57-58 Feb '78

Modern air defense. Col H. J. Braune. illus Aerosp Intl 14:4-6+ Jun-Jul '78

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

NASA technological research: Current developments in the general aviation field. Marc Grangier. illus Interavia 33:63-65 Jan '78

The Navy's R&D initiatives in advanced-testing technology. George W. Neumann and Mel E. Nunn. illus Def Mgt J 14:3-7 Sep '78

TECHNOLOGY - Continued

New challenges in EW. LtGen Robert C. Mathis. illus Signal 32:24-26+ Mar '78

New directions, trends, requirements and technology in C⁴. illus Signal 32:30-34+ May-Jun '78

Offshore technology. Regular feature in issues of Military Engineer

An overview: Electronic countermeasures technology. Lee A. Meadows. illus tab Signal 32:34-38+ Mar '78

Pro- and anti-technology presidents. Col Robert D. Heintz, Jr. Ret. illus Sea Power 21:35 Nov '78

Production "greased" for Roland. Murry Shohat. illus tab Mil Elect/Countermeasures 4:28+ Sep '78

A question of structure. (Excerpts from address, EASCON, Washington, 1978) Gen Alton D. Slay. illus Elect Warfare/Def Elect 10:11-12+ Dec '78

The software dependent project. Howard L. Yudkin. illus Signal 32:33-35 Jul '78

Surveillance and warning. Wallace D. Henderson. illus Signal 33:39-40+ Nov-Dec '78

Tactical communications for the future. (Convention panel, AFCEA Convention, Washington, June 20-22, 1978) Dale Milford and others. illus Signal 32:84-98 Aug '78

Technological innovation, SALT, and stable deterrence. Glenn W. Goodman, Jr. illus AU Rev 29: 22-30 May-Jun '78

The technological level of Soviet industry. John Fullerton. Def & For Aff Dig 6, No. 1:30-31+ '78

United States military communications in the Philippines. Col William P. Drugan. maps illus Signal 32:44-51 Feb '78

U.S. military technology: The Soviet perspective. Paul M. Kozar. AU Rev 29:66-73 Mar-Apr '78

Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

Educational Applications
See Educational Technology

International Cooperation

An industrial view of armament export and collaboration. Claus-Detlef Lehmann. illus NATO's Fifteen Nations 23:69-71 Oct-Nov '78

Roland: Exchange of expertise. illus Natl Def 62: 549-550+ May-Jun '78

Technology transfer and the U.S. Roland missile. J. Philip Geddes. illus tab Interavia 33:1095-1099 Nov '78

Technology transfer: More rope or which rope? Robert D. Schmidt. Govt Exec 10:18-19+ Dec '78

Technology transfer: We're still selling them the rope. J. Fred Bucy. illus Govt Exec 10:37+ Sep '78

The two-way street and NATO standardization--a clarification of the U.S. position. Interview. MajGen Richard C. Bowman. illus Intl Def Rev 11, No. 1:35-40 '78

TECHNOLOGY - Continued

International Cooperation - Cont'd

U.S. aerospace recovers. David Harvey. Def & For Aff Dig 6, No. 1:34-35 '78

United States arms export policy and weapons cooperation. Robert A. Gessert. illus tabs NATO's Fifteen Nations 22:56-59+ Dec '77-Jan '78

The U.S. as a technology importer. RADM Julian S. Lake. illus Def & For Aff Dig 6, No. 10:41-42 '78

U.S. military technology: The Soviet perspective. Paul M. Kozar. AU Rev 29:66-73 Mar-Apr '78

U.S. Roland: A milestone in technology transfer. BrigGen Frank P. Ragano. illus Def Mgt J 14:3-10 May '78

TELECOMMUNICATIONS see Communications Systems

TELEMETRY

How SNOTEL (SNOW TELelemetry) could help solve several government problems. Govt Exec 10:25+ Dec '78

TELEPHONES AND TELEPHONE SERVICE

DOD phones keep users off the hook. AF Times 39:31 Jul 31 '78

Managing a nationwide telephone network. John D. Braid. illus Signal 32:10-13 Jul '78

The Marine Corps tactical telephone system. Maj Ray E. Huebner. illus Signal 32:88+ May-Jun '78

TELEphone MANagement system (TELEMAN). TIG Brief 30:3 Oct 20 '78

Telephone system management. TIG Brief 30:7-9 Nov 17 '78

(Washington-Moscow "hot-line" improved) Signal 32:92 Mar '78

TELEVISION

DOD adds 'balance' to Hollywood. AF Times 38:44 Feb 6 '78

The (Soviet) Orbita (long-range space communication) system. O. Petrov. map Soviet Mil Rev No. 5:38-39 May '78

Military Applications

USAF information engineering: 1990 plus. Maj Jerry C. Hix. tab AU Rev 29:58-65 Mar-Apr '78

Programs and Programming

AF film clips spice TV news shows. AF Times 38:24 Feb 20 '78

TEMPERATURE

See also
Heat

Effects of high ambient temperature on sleep in young men. Ismet Karacan and others. tabs Aviation, Space & Envmt Med 49:855-860 Jul '78

Heavyweight bout with density altitude. illus USA Avn Dig 24:42-43 Apr '78; Adaptation, Aerosp Safety 34:20-21 Aug '78

TEMPERATURE - Continued

Relationships between ambient cockpit, and pilot temperatures during routine air operations. M.H.Harrison and others. tabs Aviation, Space & Envmnt Med 49:5-13 Jan '78

Summer weather--not harmless. Capt R.J.Dick. illus Combat Crew 28:16-19 Jun '78

TEMPORARY DUTY

Equalizing TDY pay to cost \$21 million. Randy Moore. AF Times 39:4 Aug 21 '78

Handicapped employees--travel on official business. TIG Brief 30:19 Aug 25 '78

Hill wants civilians in TDY quarters. AF Times 39:38 Aug 21 '78

Improved per diem \$\$ for Jr EM asked. Richard C. Barnard. AF Times 39:4 Oct 30 '78

New per diem: Actual expenses. Richard C. Barnard. AF Times 39:4 Aug 21 '78

TDY per diem hiked. AF Times 38:3 Jul 17 '78

Travel on military aircraft by civilian employees on TDY. TIG Brief 30:14 Jul 21 '78

TENANT UNITS

Host base support of AFOSI activities. TIG Brief 30:6 Mar 31 '78

TENKEN, Herman

Reserve Component training. MajGen Herman Tenken. Armor 87:45-47 Jul-Aug '78

TERESA VILLAGE

A story without end. (Teresa Village in Florida is for USAF enlisted widows and retired couples) Tom Dwyer. illus Airman 22:39-42 Oct '78

Teresa Village. (Housing facility for elderly widows of AF enlisted retirees and retired couples, Fort Walton Beach, Fla) MSgt Gerald H. Smith. illus Air Reservist 30:3 Aug '78

TERMINALS, TRANSPORT

Active training reaches max realism for the 1188th MOT (Military Ocean Terminal) Unit. illus Translog 9:6-8 Sep '78

LOTS (Logistics Over The Shore) ALOC (Air Lines Of Communication). MSgt Gerald H. Smith. illus Air Reservist 30:10-11 Sep '78

The new Air France cargo terminal--a blueprint for the future? illus Interavia 33:925-926 Oct '78

New Orleans leases MTMC berths. illus Translog 9:16 May '78

Oklnawa passes the bullets (to Korea). Capt Edward A. Kronholm. illus Translog 9:15-17 Oct '78

"Total system" transportation management (at MTMC Terminals, Yokohama). illus map Translog 9:2-5 Mar '78

USSR's largest sea port (Vostochny) is under construction. Evgeny Novikov. illus Def Trans J 34: 46+ Oct '78

TERMINOLOGY

See also subdivision Terminology under specific subjects

New aircraft/missile accounting terminology. tab TIG Brief 30:17-18 Dec 15 '78

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRITORIAL TROOPS

Reserve Forces: A panel discussion. MajGen P.C. Shapland and others. illus RUSI J for Def Studies 123:9-16 Sep '78

TERRORISM

Canal defense ... in age of terrorism. LtGen Arthur Collins, Ret. illus Officer 54:20-22 Jan '78

The genesis of terrorists. Stefan T. Possony. illus Def & For Aff Dig 6, No. 1:36-38 '78

The growing psychological aspect of international terrorism. Def & For Aff Dig 6, No. 10:36-37 '78

Praetorian politics and the Benin Raid. S.J. Baynham. Army Qtr 107:422-434 Oct '77

Purpose of the Security Threat And Incident Summary (STAIS). TIG Brief 30:4 Oct 20 '78

Reconciling internal security and human rights. Mariano Grondona. illus Intl Sec 3:3-16 Summer '78

Send for Felix! (Ammunition expert) Col Norman L. Dodd, Ret. illus Mil Rev 58:46-55 Mar '78

Special reports on terrorism. TIG Brief 30:7 Mar 3 '78

Terrorism pays, Rand study shows. Col Robert D. Heinl, Jr, Ret. illus Sea Power 21:37 Mar '78

Terrorist negotiation: Could (Premier) Moro have been saved? Stefan T. Possony. illus Def & For Aff Dig 6, No. 6:38 '78

Ulster: The name of the internal security game. R.B. Pengelley. illus Intl Def Rev 11, No. 8: 1297-1301 '78

The violent theater of the terrorist. Michael Moodie. Def & For Aff Dig 6, No. 1:17-21 '78

Why does the U.S. advocate terrorism in Southern Africa? C.W. Borklund. illus map Govt Exec 10: 35-36+ Mar '78

History

With cutlass and sword (against pirates and terrorists). William L. Roper. illus MarCor Gaz 62:51-56 Apr '78

TERRY, Robert D.

Management and international trade. MajGen Robert D. Terry, Ret. por Signal 32:45-48 Jul '78

TEST AND EVALUATION COMMAND

Streamlining Army testing. MajGen Patrick W. Powers. illus Def Sys Mgt Rev 1:7-18 Winter '77

TEST FACILITIES

Management of major DOD test facilities. John W. McCord. illus Def Sys Mgt Rev 1:59-72 Winter '77

SAMTEC: Space (And) Missile TEst (Center) bed. illus AF Times 38:18 Jan 23 '78

Streamlining Army testing. MajGen Patrick W. Powers. illus Def Sys Mgt Rev 1:7-18 Winter '77

We do it first. (4485th Test Sq) Maj Davy M. Bass. illus TAC Attack 18:4-7 Jan '78

TEST PILOTS

Maintenance test pilot training. SP5 Michael Turner. illus USA Avn Dig 24:24-26 Nov '78

TESTS AND MEASUREMENTS

E-6, E-7 promotions: Test scores make the difference. Bruce Callander. tab AF Times 38:7+ Jul 3 '78

The great debate (final examination). LtCol William F. Corroum. illus Educ J 20:44-47 Spring '78

Information engineering: Navy recruitment productivity raised through word processing. illus Govt Exec 10:41-42 Aug '78

Many summer jobs now closed to kin. Randy Shoemaker. AF Times 38:10 Mar 6 '78

Mark of a pro (Expert Field Medical Badge, EFMB). MSgt Bruce N. Bant. illus Soldiers 33:6-9 Apr '78

Objective assessment of prior air traffic control-related experience through the use of an occupational knowledge test. Mary A. Lewis. tabs Aviation, Space & Envmt Med 49:1155-1159 Oct '78

PME parley rejects reading test for NCOs. AF Times 39:23 Jul 31 '78

Passing the P.E. (Professional Engineer) exam the first time. John D. Constance. illus Mil Engr 70:408-411 Nov-Dec '78

Selecting subject matter specialists. TIG Brief 30:13 Mar 3 '78

Skill tests set for o'seas pupils. Larry Carney. AF Times 39:1+ Aug 21 '78

Test making. SMSgt Louis M. Nicolucci. illus Air Reservist 29:18 Feb '78

WAPS scoring altered. Bruce Callander. AF Times 39:1+ Nov 27 '78

TEXASHistory

Fiesta! (Celebrating Texas Independence Day in San Antonio) SMSgt Harold Newcomb. illus Airman 22:17-21 Sep '78

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Uniforms

THERMODYNAMICS

Infrared thermography. James G. Smith, Jr. illus Mil Engr 70:97-99 Mar-Apr '78

THEUS, Lucius

Air Force Accounting and Finance Center. por AF Mag 61:93 May '78

Directorate of Accounting & Finance. MajGen Lucius Theus. por AF Compt 12:21+ Oct '78

Major General Lucius Theus wins 1977 Distinguished Federal Service Award. por AF Compt 12:45 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 12:32-33 Jan '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 12:32-33 Apr '78

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 12:20-21 Jul '78

THINK TANKS see Research Centers

THIRD WORLD

From dependency to determinism: The new structure of Latin American militarism. Irving Louis Horowitz. tabs J Pol & Mil Sociol 5:217-238 Fall '77

Marx and radical militarism in the developing nations. Miles D. Wolpin. Armed Forces & Soc 4:245-264 Winter '78

Microstates and the balance of power in the contemporary international system. Robert G. Irani and William O. Staudenmaier. illus tabs Nav War Col Rev 31:76-96 Summer '78

New directions in defense spending: A perspective. illus Def & For Aff Dig 6, No. 9:4-7+ '78

Observing close encounters in the Third World. Charles Yost. Intl Sec 3:187-192 Summer '78

Soviet policy in the Third World in perspective. Alvin Z. Rubinstein. illus Mil Rev 58:2-9 Jul '78

Third World arms production: An end to embargoes? Gregory R. Copley and others. illus Def & For Aff Dig 6, No. 8:10-13+ '78

Third World arms production: Less power to the superpowers. Gregory Copley. illus Def & For Aff Dig 6, No. 9:24-26+ '78

THOMPSON, Robert C.

AF Engineering and Services Agency. por AF Mag 61:95-96 May '78

An era passes (with the retirement of the 12th Director of Engineering and Services, MajGen Robert C. Thompson). George K. Dimitroff. por AF Engrg & Svcs Qtr 19:18-20+ Aug '78

THOUGHT AND THINKING

See also
Decision Making
Problem Solving

THRUST

Power to spare. Capt Bruce L. Gumble. illus MAC Flyer 25:12-13 Jul '78; Combat Crew 28:16-17 Nov '78

Reduced thrust takeoffs. Capt Frank T. Werner. illus tabs Combat Crew 28:8-10 Mar '78

THUNDERSTORMS

- Downburst. illus MAC Flyer 25:12-14 Apr '78
- Hail hazards. illus maps tab Aerosp Safety 34:26-27 Aug '78
- Requiem for a daredevil (Frank Tallman). Maj James G. Gibson II. illus MAC Flyer 25:6-7 Sep '78
- Stormy weather. illus Combat Crew 28:4-7 Mar '78
- Summer thunderstorm, pilot enemy Number 1. illus map USA Avn Dig 24:42-45 May '78
- Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78
- Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78
- When lightning strikes. Capt Ray B. Toland. illus Soldiers 33:38-39 Aug '78

TIME

- The management of time. CDR Stephen B. Sloane. illus US Nav Inst Proc 104:33-40 Aug '78

TIME AND MOTION STUDY

- Naval aviation manpower development: Contractor vs Navy. H.P. Aue. illus Log Spectrum 11:31-37 Winter '77

TIRES

- See also
Airplanes, Military--Tires

- A substantial industry and superficial government actions. V.J. Adduci. illus Govt Exec 10:19-20 Jul '78

Maintenance and Repair

- Vehicle tire support. TIG Brief 30:14 Sep 22 '78

TITANIUM see MetalsTOOLS

- Availability and use of test equipment and tools to determine vehicle malfunctions. TIG Brief 30:14 Nov 3 '78
- Cadmium-plated tools. TIG Brief 30:13 Sep 22 '78
- Controlling your tools and equipment. TIG Brief 30:11 Oct 6 '78

Maintenance and Repair

- Management of tools. TIG Brief 30:4 Jan 20 '78

TORPEDOES

- The ships and aircraft of the U.S. fleet: Torpedoes. Norman Polmar. illus tab US Nav Inst Proc 104: 159-160 Nov '78
- The world's first cruise missiles (aerial torpedoes). LtCol H.F. "Red" Smith, Ret. (Reprinted from Air Force Magazine, Oct 1977) illus Remotely Piloted Mag 6:3-4 Jan '78

TORQUE

- Simulated antitorque training proven effective. illus tab USA Avn Dig 24:30-32 Jun '78

TORQUE - Continued

- Torque calculations. TIG Brief 30:8 Feb 3 '78
- Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:1'-17 Jun '78

TOTAL FORCE CONCEPT

- Alive and operating in Latin America. SSgt Glenn S. Willerforde. illus Air Reservist 31:17 Nov '78
- A battalion commander looks at affiliation. LtCol Harlan C. Herner. illus Mil Rev 58:40-46 Oct '78
- A comprehensive model for a total-force military personnel system. John R. Brinkerhoff and William A. Lindsay. illus Def Mgt J 14:4-11 Jul '78
- Dutch treat ... ' Air Guard style. TSgt Janet Wright. illus Air Reservist 29:12-13+ Feb '78
- How do you spell relief? Active duty weathermen spell it Reserve. TSgt Richard Allen. illus Air Reservist 29:10-11 Mar '78
- More demanded of Reservists in readiness. (Excerpts from address, ROA Army Section, Columbus, Ohio, 1977) Gen Walter T. Kerwin, Jr. illus Officer 54:8+ Jan '78

- Peace through total force readiness. (Remarks, Armed Forces Day luncheon, Harrisburg, Pa, May 18, 1978) LtGen Abbott C. Greenleaf. AF Plcy Ltr for Comdrs: Sup No. 8:24-33 Aug '78

- 'Planning for the future.' MSgt Gerald H. Smith. illus Air Reservist 30:6-7 Oct '78

- The posture hearings: Congress turns spotlight on Guard-Reserve readiness, all-volunteer force, in annual review. Natl Guardsman 32:18-21+ Apr '78

- A road map to readiness for the future. ' illus Air Reservist 29:16-17 Feb '78

- Rotating the Canal (Zone). (Support for USAFSO) TSgt Kenneth Peterson. illus Air Reservist 29: 12-13 Dec '77-Jan '78

- Solid force structure links winning to budget and fox-hole. Cols Anthony G. Pokorny and Dandridge M. Malone. Army 28:83-84 Oct '78

- Total Army. (Active and Reserve components) Capt Warren S. Lacy. illus Soldiers 33:15-19 Jun '78

TOTAL OFFICER PERSONNEL OBJECTIVE STRUCTURE FOR THE LINE OFFICER FORCE see TOPLINETOURS OF DUTYSee also

- Assignments, Military
Permanent Change of Station
Remote-Isolated Duty
Temporary Duty

- All the world's their stage. (Tours of duty to exotic places for Air Guardsmen and Reservists) illus Air Reservist 30:12-15 Jul '78

- Do it in Oklahoma? Capt James J. Lawrence. illus Aerosp Safety 34:6-11 Aug '78

- Living in Germany. SP5 Jo Ann Mann. illus Soldiers 33:33-36 Oct '78
- Returnees: Home-basing. Bruce Callander. AF Times 39:1+ Nov 13 '78

TOURS OF DUTY - Continued

Rule will be 3 years on base between CONUS moves. AF Times 38:3 Jan 1 '78

Shorter no-kin tours top Pentagon issue. Interview. John P. White. illus AF Times 39:8+ Oct 16 '78

Three-year tour good for stability. M. L. Craver. AF Times 38:4 Jun 12 '78

3 years new norm for stateside duty. Bruce Callender. AF Times 38:1+ Mar 20 '78

Tour rules--main changes. (Defense Directive 1315.7) tab AF Times 38:8+ Jan 16 '78

TOXIC AND INFLAMMABLE GOODS see Hazardous SubstancesTRACTORS

Jack of all trades (Universal Engineer Tractor (UET)). Robert E. Nette. illus tab Soldiers 33: 50-51 Aug '78

The M-9 armored tractor joins the engineer team. William R. Barwick. illus Natl Def 63:22-23 Sep-Oct '78

TRADE see CommerceTRADE UNIONS see Labor UnionsTRAFFIC ACCIDENTS see Accidents, TrafficTRAFFIC MANAGEMENTSee also

Military Traffic Management Command

Base road traffic planning (AFR 125-14). TIG Brief 30:15 May 12 '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

Do-it-yourself moving program. TIG Brief 30:20 Mar 3 '78

GSA (General Services Administration): Responsive carrier service--a direct route to increased carrier service--a direct route to increased carrier revenue. Robert P. Graham. illus map chart Def Trans J 34:14+ Oct '78

Intransit data reporting. TIG Brief 30:14 Mar 17 '78

(MTMC Awards) "For Excellence in Traffic Management" (made during NDTA's 33d Forum and Exposition, 1978). illus Translog 9:4-5 Oct '78

Managing repeat passenger traffic. LtCol Donald G. Bisgrove. Translog 9:14-15+ Sep '78

Reserved parking for vehicles of handicapped personnel. TIG Brief 30:20 Jul 21 '78

Security police guidelines for traffic enforcement tolerance. TIG Brief 30:22 Jul 7 '78

Taming the mixing bowl. (1-mile stretch of the Shirley Highway just south of the Pentagon) Eugene E. Halmos, Jr. illus Mil Engr 70:254-256 Jul-Aug '78

Traffic managers--the essential ingredient. Edwin J. Pruszyński. Translog 9:2-3 Oct '78

Transportation executive: Changing times. (Address, NDTA Transportation & Logistics Forum, Anaheim, Calif, Sep 26, 1977) MajGen John L. Boros, Ret. illus Def Trans J 34:23-26+ Feb '78

TRAFFIC MANAGEMENT - Continued

Unique challenges and opportunities: The ITO (Installation Transportation Officer) and small shipments. Maj Glenn Ahrenholz. illus Translog 9: 2-4 Jan '78

Equipment

Uniform traffic control devices: A key to safe and efficient road traffic movement. TIG Brief 30:21 Jul 7 '78

Study and Teaching

Air Force training for transportation careers. 1stLt Douglas C. Coltharp. illus Translog 9:2-5 Jul '78

JPPSO University. (JPPSO-Hawaii's training program for joint personal property traffic management) Maj Ken Jenkins. Translog 9:2-5 Jun '78

Navy training for transportation careers. Maj Gary Wilde. illus Translog 9:2-5 Aug '78

TRAINING see Education and TrainingTRAINING AIDSSee also

Audio-Visual Aids
Motion Pictures

New maintenance manuals help to reduce life-cycle costs. Maj Troy V. Caver. tabs Def Mgt J 14:26-31 Sep '78

TEC (Training Extension Course)--the indispensable aid. Maj Ronald P. West. illus Fld Arty J 46:56-61 May-Jun '78

Training devices. Maj Douglas J. Richardson. Armor 87:52-53 Jul-Aug '78

Training in transition. P. W. Silver and others. illus Log Spectrum 12:17-24 Summer '78

TRAINING AND DOCTRINE COMMAND

Focus is 'central battle.' Gen Donn A. Starry. illus Army 28:30-33 Oct '78

Management update: The Army science and technology program. Marvin E. Lasser. tab Def Sys Mgt Rev 1:47-53 Autumn '78

(Plans for TRADOC) Interview. Gen Donn A. Starry. illus Infantry 68:15-17 Jul-Aug '78

TAC-TRADOC dialogue. Gen Robert J. Dixon. illus charts Strat Rev 6:45-54 Winter '78

Task masters. (Army Training and Evaluation Program (ARTEP)) Steve Abbott. illus Soldiers 33: 12-18 Feb '78

War games and computers in TRADOC. William Oliver Hedgepeth. illus Mil Rev 58:26-32 Jul '78

Organization

Division air defense 1985. Col William O. Staudenmaier. illus Air Def Mag, pp 7-10, Oct-Dec '78

TRAINOR, Bernard E.

The personnel campaign issue is no longer in doubt. BrigGen Bernard E. Trainor. MarCor Gaz 62:22-32+ Jan '78

TRANSIENT FACILITIES

Aircrew transient services evaluation form versus hazardous air traffic report. TIG Brief 30:14 Apr 28 '78

Distinguished visitor quarters. TIG Brief 30:15 Jun 23 '78

Documenting work accomplished on transient aircraft. TIG Brief 30:12 Mar 3 '78

Renovated family 'hotel' to open at Rhein-Main (AB, Germany). AF Times 38:2 Jan 9 '78

Rex rides again. TIG Brief 30:6 Nov 3 '78

Costs

Nonpayment of fuel and services billings for transient aircraft. TIG Brief 30:21 Aug 25 '78

TRANSISTORS

Microwave transistor amplifiers, oscillators continue steady march in retrofit market. illus Elect Warfare/Def Elect 10:89-90+ May '78

TRANSOCEANIC FLIGHTSHistory

The forgotten heroes of 1927. illus tabs Am Avn Hist Soc J 22:303-307 Winter '77

TRANSPORTATIONSee also

Shipping

15th Annual European Transportation Conference (Frankfurt, Ger, April 18-21, 1978). illus Def Trans J 34:16+ Aug '78

NDTA talk. Regular feature in issues of Defense Transportation Journal

NDTA's 33d Forum report (Washington, Oct 1-4, 1978). illus Def Trans J 34:35-60 Dec '78

Transportation executive: Changing times. (Address, NDTA Transportation & Logistics Forum, Anaheim, Calif, Sep 26, 1977) MajGen John L. Boros, Ret. illus Def Trans J 34:23-26+ Feb '78

Europe, Western

PBEIST (Planning Board for European Inland Surface Transport)--making sure transportation systems work in wartime. MajGen H.R. Del Mar. illus Def Trans J 34:12-14+ Apr '78

United States

The big headaches (automotive issues): One by one. Semon E. Knudsen. illus Govt Exec 10:23-24+ Jul '78

The industry/defense transportation team. (Excerpts from remarks, Seapower Symposium, San Francisco, March 3, 1978) MajGen H.R. Del Mar. Translog 9:6-8 Apr '78

New directions for highways and public transportation. Clyde Linsley, Jr. illus Translog 9:6-8+ Jul '78

Total national transportation requirements. (Condensed from address, Defense Transportation Day luncheon, Washington, May 19, 1978) MajGen H.R. Del Mar. Translog 9: inside front cover + Jul '78

TRANSPORTATION - ContinuedUnited States - Cont'dStudy and Teaching

Navy training for transportation careers. Maj Gary Wilde. illus Translog 9:2-5 Aug '78

TRANSPORTATION, AIRSee also

Air Cargo

Aviation, Commercial

United States

Civilian travel advice. AF Times 39:21 Aug 7 '78

TRANSPORTATION, AIR (MILITARY)See also

Air Cargo

Airdrop

Airlift

Study and Teaching

Air Force training for transportation careers. 1stLt Douglas C. Coltharp. illus Translog 9:2-5 Jul '78

United States

Airhead ops made easy. 1stLt Carl J. Arseneault. illus Translog 9:14-15 May '78

Civilian travel advice. AF Times 39:21 Aug 7 '78

Harold Brown "works" his way South--for eight days of vacation. F. Clifton Berry, Jr. Armed Forces J Intl 115:13-14 Feb '78

Requesting exceptions to air travel policies. TIG Brief 30:14 May 12 '78

TRANSPORTATION, MILITARY

15th Annual European Transportation Conference (Frankfurt, Ger, April 18-21, 1978). illus Def Trans J 34:16+ Aug '78

'Go-anywhere' philosophy yields to fiscal realities in Army's truck fleet. Eric C. Ludvigsen. illus Army 28:18-20+ Jun '78

Intransit security of firearms and conventional munitions. TIG Brief 30:18 Mar 17 '78

Managing repeat passenger traffic. LtCol Donald G. Bisgrove. Translog 9:14-15+ Sep '78

NDTA's 33d Forum report (Washington, Oct 1-4, 1978). illus Def Trans J 34:35-60 Dec '78

Partnership for efficiency: The ITO and personal property/passenger traffic. (Seminar, Oakland, Calif, Nov 1977) Dan Hall. illus Translog 9:5-6 Jan '78

Readiness in transportation. TIG Brief 30:15 Feb 3 '78

The same sheet of music (for physical security of conventional arms, ammunition, and explosives). (DOD Manual 5100.76M) Myrtle S. Mero. illus tab Translog 9:6-8 May '78

Total national transportation requirements. (Condensed from address, Defense Transportation Day luncheon, Washington, May 19, 1978) MajGen H.R. Del Mar. Translog 9: inside front cover + Jul '78

TRANSPORTATION, MILITARY - Continued

Unique challenges and opportunities: The ITO (Installation Transportation Officer) and small shipments. Maj Glenn Ahrenholz. illus Translog 9: 2-4 Jan '78

Costs

Travel costs to play role in assignments. Bruce Callander. AF Times 38:2 Feb 13 '78

Study and Teaching

Active training reaches max realism for the 1188th MOT (Military Ocean Terminal) Unit. illus Translog 9:6-8 Sep '78

Air Force training for transportation careers. 1stLt Douglas C. Coltharp. illus Translog 9:2-5 Jul '78

TRANSPORTATION, SEASee also

Merchant Marine
Military Sealift Command

Okinawa passes the bullets (to Korea). Capt Edward A. Kronholm. illus Translog 9:15-17 Oct '78

TRANSPORTATION CENTERS AND SCHOOLSArmy

Army training for transportation careers. Arthur L. Harkins. illus tabs Translog 9:2-5 Sep '78

TRANSPORTATION CORPS

The Army fleet--vital amphibious link. John F. Sargent. illus Natl Def 63:58-60 Jul-Aug '78

History

Transportation Corps, July 31, 1942. Translog 9: inside front cover + Aug '78

TRANSPORTATION DEPTSee also

Coast Guard
Federal Aviation Administration

Secretary Adams launches critical review of (Dept of Transportation) regulations. Def Trans J 34: 32+ Apr '78

TRANSPORTATION UNITSSee also

Airlift Units

Air Force

"The best (Transportation Units) in the Air Force." Translog 9:8 Oct '78

Armed Forces

Top military transportation units. illus Translog 9: 6-7 Oct '78

Army

Army's Navy. MSgt Matt Glasgow. illus Soldiers 33: 6-9 Dec '78

TRANSPORTATION UNITS - ContinuedArmy - Cont'd

Cold--very, very cold: Empire Glacier '78. Nanse Grady. illus Translog 9:2-5 Apr '78

National Guard--Army

New Jersey (ARNG) goes to West Point. illus Natl Guard 32:10-11 Nov '78

TRAVEL

See also subdivision Description and Travel under specific countries and cities

Foreign travel briefings continue to be a necessary defense. TIG Brief 30:4 Sep 8 '78

TRAVEL, MILITARYSee also

Transportation, Military

Civilian travel advice. AF Times 39:21 Aug 7 '78

Dependents' transportation entitlements. TIG Brief 30:14 Jul 7 '78

Going to Europe together. SP5 Jo Ann Mann. Translog 9:17-18 Apr '78

Group passenger movement. TIG Brief 30:17 Mar 31 '78

Handicapped employees--travel on official business. TIG Brief 30:19 Aug 25 '78

Nonduty travel to Communist-controlled countries. TIG Brief 30:9 Apr 14 '78

Only the beginning. Steve Abbott. illus Soldiers 33: 27-31 Dec '78

Q&A on Jr enlisted travel entitlements. AF Times 39:8+ Nov 6 '78

Requesting exceptions to air travel policies. TIG Brief 30:14 May 12 '78

Travel on military aircraft by civilian employees on TDY. TIG Brief 30:14 Jul 21 '78

Travel to Communist countries. TIG Brief 30:8 Mar 17 '78

Travel voucher irregularities. TIG Brief 30:26 Jul 7 '78

Two airlines will continue furlough fares. Translog 9:20 Jan '78

Space Available

Flying to Europe (cheap). Ramon Lopez. illus AF Times, Times Magazine sup:28-32 Sep 18 '78

TRAVEL PAY

AF: Travel \$\$ for all Jr EM. Tom Philpott. AF Times 39:3 Aug 21 '78

Bill would hike EM per diem. Bruce Callander. AF Times 38:3 Jun 5 '78

Defense fighting Hill for Jr EM travel \$. Tom Philpott. AF Times 38:2 Mar 27 '78

Dependency determinations for parents and step-children. TIG Brief 30:22 Jan 6 '78

TRAVEL PAY - Continued

EM travel pay seen costing \$36 million. AF Times 38:38 Apr 17 '78

Emergency leave funding. TIG Brief 30:6 Sep 22 '78

Equal per diem for officers, EM backed. Richard C. Barnard. AF Times 39:1+ Jul 31 '78

Equalizing TDY pay to cost \$21 million. Randy Moore. AF Times 39:4 Aug 21 '78

Expect push for more travel pay for CONUS Jr EM. AF Times 39:10 Nov 13 '78

41 cities get per diem hike; \$50 now paid in 63 areas. AF Times 39:31 Aug 7 '78

(Gen) Haig backs travel pay for Jr EM. AF Times 38:55 Mar 20 '78

Hill OKs \$\$ for Jr EM travel. Andy Plattner. AF Times 39:3 Oct 23 '78

Impact seen as minimal if Jr EM travel OK'd. AF Times 38:22 Apr 24 '78

Incomplete or disallowed travel claims. TIG Brief 30:12 Nov 3 '78

Jr EM family travel questioned. AF Times 38:25 Feb 27 '78

Jr EM travel \$\$ asked--House panel (Armed Services Committee) extends bid to CONUS. Andy Plattner. AF Times 38:3 Mar 20 '78

Jr EM travel past 1st step. Andy Plattner. AF Times 38:1+ Jun 12 '78

Lower ranks eye o'seas kin \$. AF Times 38:3 Jan 9 '78

NCO out lost travel advance. AF Times 38:19 Jan 23 '78

New per diem: Actual expenses. Richard C. Barnard. AF Times 39:4 Aug 21 '78

No travel \$\$ if kin returns to U.S. school. AF Times 38:42 May 1 '78

Official travel aboard furlough rate airlift. TIG Brief 30:20 Mar 3 '78

O'seas JET (Junior Enlisted Travel) only 1/2 a solution. Bruce Callander. AF Times 39:3 Aug 21 '78

(Overseas) travel costs strain Jr EM. (Statements of CMSAF Gaylor and the top ranking enlisted men of the Army and Navy during a House subcommittee hearing on the problems of service families in Europe) Richard C. Barnard. illus AF Times 38:4 Jul 3 '78

PCS \$ boost rejected. AF Times 38:3 Mar 6 '78

Panel (House Education and Labor Committee) OKs overseas lunch plan. Andy Plattner. AF Times 38:4 May 15 '78

Q&A on Jr enlisted travel entitlements. AF Times 39:8+ Nov 6 '78

TDY per diem hiked. AF Times 38:3 Jul 17 '78

Travel claim 'errors' getting closer look. Randy Moore. AF Times 38:4 Jul 24 '78

White backs EM travel help. Interview. John P. White. illus AF Times 38:37-38+ Apr 10 '78

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e. g.,
 Central Treaty Organization
 North Atlantic Treaty Organization
 Warsaw Pact

ASEAN (Association of SouthEast Asian Nations) and U.S. security interests. Justus M. van der Kroef. illus Strat Rev 6:51-61 Spring '78

Authority to negotiate and conclude international agreements. TIG Brief 30:15 Apr 14 '78

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No. 1:71-86 '78

Defense and the Panama Canal. (Remarks, Rotary Club, Charleston, SC, Jan 17, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 15-18 Mar '78

The expanding Soviet collective security network. Avigdor Haselkorn. illus Strat Rev 6:62-73 Summer '78

Former DIA chief hits Panama Canal treaties. Interview. LtGen Daniel O. Graham, Ret. AF Times 38:21 Jan 23 '78

Interoperability of Allied Forces in Europe: Some historical peacetime realities. Benjamin Franklin Cooling and LtCol John A. Hixson. illus Mil Rev pt 1, 58:62-73 Aug '78; pt 2, Allied interoperability between World Wars I and II. 58:67-74 Sep '78

Our changing role in Panama: An overview. Col Norman M. Smith. illus maps Parameters 8:10-16 Sep '78

The Panama Canal treaties. AF Plcy Ltr for Comdrs: Sup No. 2:25-28 Feb '78

(Panama) Canal Treaty to bring changes for military. tab AF Times 38:32 May 8 '78

SALT and Soviet nuclear doctrine. Stanley Sienkiewicz. Intl Sec 2:84-100 Spring '78

Spitsbergen: Who's in control? John C. Ausland. illus map US Nav Inst Proc 104:62-70 Nov '78

The United States and Panama: Two nations separated by a canal. map Def Monitor 12; entire issue Jan '78

Update: New Panama Canal treaties. Command 1:6-7 Dec '78

TRENCHARD, Hugh M., 1st viscount

Trenchard's manning revolution. D. J. James. illus Royal Air Forces Qtr 17:378-383 Winter '77

TRIALS

See also
 Courts-Martial

TROOP SUPPORT AND AVIATION MATERIEL READINESS COMMAND see Army Troop Support and Aviation Materiel Readiness CommandTROOPS, MERCENARY see Mercenary Troops

TROPHIES see Awards, Decorations, etc

TROPICAL WARFARE see Jungle Warfare

TROPOSPHERIC SCATTER

NATO Gibraltar-Lisbon tropo system. Frank Caramelli. illus Signal 32:6-8 Apr '78

TRUCKS AND TRUCKING

Checklist checks driver readiness. SP5 A.B.Nauroth. illus Translog 9:16 Feb '78

'Go-anywhere' philosophy yields to fiscal realities in Army's truck fleet. Eric C.Ludvigsen. illus Army 28:18-20+ Jun '78

M-880/885 pickup truck design deficiencies. TIG Brief 30:17 Mar 31 '78

U.S. Army trucks in service, 1978. illus Army 28:25-26+ Jun '78

Wheels for the Army's bridges. Gerald F.Wilber. illus tab Mil Engr 70:330-331 Sep-Oct '78

TUPOLEV, Andrei N.

A life devoted to aviation: A.N.Tupolev's 90th birth anniversary. LtCol V.Aidarov. por Soviet Mil Rev No.10:34-36 Oct '78

TURBINES see Gas Turbines (Aircraft)

TURBULENCE

Downburst. illus MAC Flyer 25:12-14 Apr '78

Shear distress. Maj John E.Richardson. illus Aerosp Safety 34:8-10 Apr '78

TURBULENCE - Continued

Summer thunderstorm, pilot enemy Number 1. illus map USA Avn Dig 24:42-45 May '78

Those terrible thunderstorms. Capt Stephen M.Horn. illus TAC Attack 18:20-22 Jun '78

USAF Wind Shear Conference (Travis AFB, Calif, May 1978). Capt James J.Lawrence. Aerosp Safety 34:8-9 Jul '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Windshear for navigators. LtCol Orlen L.Brownfield. MAC Flyer 25:15 Apr '78

Windshear for pilots. LtCol Orlen L.Brownfield. illus MAC Flyer 25:4-6 May '78

TURKEY

Foreign Relations

Greece

The Turkish-Greek conflict: U.S. intelligence suffers most. Col Robert D.Heinl, Jr, Ret. illus Sea Power 21:9-10 Feb '78

TWOMEY, David M.

What's expected of sergeants major. MajGen David M.Twomey. MarCor Gaz 62:14-15 Dec '78

TYPHOONS

Nav typhoon chaser. 1stLt Nathan H.Krys. illus Navigator 25:20-21 Summer '78

Typhoon chasers (at Andersen AFB, Guam) hunt storms in W.Pacific. illus AF Times 38:32 Mar 20 '78

UN see United Nations

USAFE see Air Forces in Europe

USAFSO see Air Force Southern Air Division (TAC)

USAREUR see Army, Europe

USO see United Service Organizations

USSR see Russia

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,
Chemical-Biological Warfare
Counterinsurgency
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

UNDERDEVELOPED AREAS

See also
Third World

Equality, cooperation, mutual advantage. (Soviet trade relations with the developing countries) (Interview with I. T. Grishin) Soviet Mil Rev No. 6: 44-45 Jun '78

Marx and radical militarism in the developing nations. Miles D. Wolpin. Armed Forces & Soc 4: 245-264 Winter '78

Microstates and the balance of power in the contemporary international system. Robert G. Irani and William O. Staudenmaier. illus tabs Nav War Col Rev 31:76-96 Summer '78

UNDERGROUND STRUCTURES

The war rooms: Where so few did so much. (London, 1940-1945) Marlon M. Corddry. illus Army 28: 42-46 Jul '78

UNDERWATER DEMOLITION

Cutting it out: If they weren't SEALs, they'd be climbing Mount Everest. (SEa-Air-Land infiltration reconnaissance teams, the Navy's commandos) Fred Reed. illus AF Times, Times Magazine sup:6-12 Sep 4 '78

UNDERWATER OPERATIONS

Physiological Aspects

Carboxyhemoglobin levels during a submarine patrol. K. R. Bondi and others. tabs Aviation, Space & Envmt Med 49:851-854 Jul '78

Diving experience and emotional factors related to the psychomotor effects of nitrogen narcosis. Robert J. Biersner and others. tabs Aviation, Space & Envmt Med 49:959-962 Aug '78

UNDERWATER RESEARCH

See also
Ocean Mining

Undersea notes. Regular feature in some issues of National Defense

UNDERWOOD, George V., Jr

The profession of arms and national security. Gen George V. Underwood, Jr, Ret. por Air Def Mag, pp 16-21, Oct-Dec '78

UNIDENTIFIED FLYING OBJECTS

Close encounters: Are they for real? Janet Hake. illus Soldiers 33:20-25 Aug '78

UNIFICATION OF THE ARMED FORCES

Canada

Armed Forces unification--the light that failed. D. M. Peden. Royal Air Forces Qtr 17:369-377 Winter '77

Canada's professional military: The limits of civilianization. Charles A. Cotton and others. tabs Armed Forces & Soc 4:365-390 Spring '78

United States

A good bowl of 'Chowder' saved the Marine Corps following WW II. illus MarCor Gaz 62:22-33 Dec '78

Service unification: Arena of fears, hopes, and ironies. Lawrence J. Korb. illus US Nav Inst Proc 104:170-183 May '78

UNIFIED COMMANDS

See also specific unified commands, e.g.,
Atlantic Command
European Command
Pacific Command
Readiness Command

White House, Pentagon now weigh more far-reaching Defense reorganization. Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-36 Nov '78

UNIFORM CODE OF MILITARY JUSTICE

CMA won't rule on Art(icle) 15s. AF Times 38:4 Jun 26 '78

Court upholds UCMJ sodomy prohibition. AF Times 38:2 Jul 17 '78

The military jury selection reform movement. Maj Gary C. Smallridge. tabs AF Law Rev 19, No. 4: 343-382 '78

Plan would trim JAG's paperwork. AF Times 39:10 Dec 11 '78

The role of the commander and the Staff Judge Advocate in the military justice system. TIG Brief 30: 15-17 Dec 1 '78

The roles of the convening authority, staff judge advocate, and trial personnel in the military justice system. TIG Brief 30:10-12 Dec 15 '78

Sisyphus as a soldier: Ethics, exigencies, and the American military. James H. Toner. illus Parameters 7, No. 4:2-12 '77

The Uniform Code of Military Justice and its role in military life. TIG Brief 30:11-12 Nov 17 '78

UNIFORMS

Air Force--U.S.

(Cotton) blends not unduly 'electrified.' Ron Sanders. AF Times 38:4 Feb 13 '78

UNIFORMS - ContinuedAir Force--U. S.-- Cont'd

Safety gear for bikers OK'd by (AF) Uniform Board. illus AF Times 38:10 Jul 24 '78

Short-sleeve shirt OK'd, worn with, without tie. Ron Sanders. illus AF Times 38:3 May 15 '78

Static electricity in clothing. TIG Brief 30:11-12 Feb 3 '78

Marine Corps--U. S.

From kersey to burlap in just 35 years. Col W.F. Saunders, Jr. MarCor Gaz 62:19-20 Aug '78

A winter field service uniform. Col James A. Donovan, Ret. illus MarCor Gaz 62:14-16 Apr '78

UNION-OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED KINGDOM see Great Britain

UNITED NATIONS

Burning problem (disarmament). LtCol V. Amelchenko. Soviet Mil Rev No.8:50-51 Aug '78

Disarmament at the crossroads. Louis B. Sohn. Intl Sec 2:4-31 Spring '78

Inchoate aspirations for world order change. Tariq Osman Hyder. Intl Sec 2:56-64 Spring '78

A strategy for the United States. Lincoln P. Bloomfield and Harlan Cleveland. Intl Sec 2:32-55 Spring '78

United Nations Special Session on Disarmament. (Interview with Paul Newman, U.S. delegate, and RADM Gene R. LaRoque, Ret) illus Def Monitor 7:1-5 Aug '78

UNITED SERVICE ORGANIZATIONS

More than donuts at the oasis. Capt Dick Sheffield. illus Airman 22:41-43 Mar '78

Where there's (Bob) Hope there's laughter. Janet Hake. illus Soldiers 33:31-33 Sep '78

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

Jack Kemp on tax cuts: A hunt for the American majority. C.W. Borklund. tab illus Govt Exec 10:17-19 Oct '78

Management and international trade. MajGen Robert D. Terry, Ret. illus Signal 32:45-48 Jul '78

The politics of defense spending: "We want cooperation, not confrontation." Interview. Don Mitchell. illus Govt Exec 10:45-46 Jul '78

UNITED STATES - ContinuedEconomic Conditions - Cont'd

Prosperity in a demilitarized U.S. economy: A program for conversion. tabs Def Monitor 7: entire issue Dec '78

Technology transfer: More rope or which rope? Robert D. Schmidt. Govt Exec 10:18-19+ Dec '78

The West's jugular vein: Arab oil. Bridget Gail. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

Economic PolicySee also

Balance of Payments

Anti-boycott legislation: A classic example of government acting before thought. C.W. Borklund. Govt Exec 10:41-47 Oct '78

Ex(port)-Im(port) Bank--a mis-used tool? illus Govt Exec 10:36-38+ Oct '78

The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No.2:4-6+ '78

GSA (General Services Administration): Carter's new urban policy tool. Govt Exec 10:16+ May '78

How government disincentives discourage U.S. export. illus tab Govt Exec 10:20-21+ Sep '78

Let's be sensible about Soviet-American trade. Donald Kendall. illus Govt Exec 10:32-33+ Nov '78

Moral imperialism: The newest look in U.S. international trade. illus Govt Exec 10:26+ Sep '78

Prosperity in a demilitarized U.S. economy: A program for conversion. tabs Def Monitor 7: entire issue Dec '78

Tax incentives for exports: "Havens for the privileged few?" C.W. Borklund. illus Govt Exec 10:48+ Nov '78

Technology transfer: More rope or which rope? Robert D. Schmidt. Govt Exec 10:18-19+ Dec '78

Why won't government face the crisis (in U.S. international trade)? C.W. Borklund. illus tab Govt Exec 10:10+ Sep '78

Foreign Economic Relations

American policy and the trade-growth struggle. Robert O. Keohane. Intl Sec 3:20-43 Fall '78

Moral imperialism: The newest look in U.S. international trade. illus Govt Exec 10:26+ Sep '78

Iran

Study finds Iran FMS program confused, misdirected, poorly-controlled. Armed Forces J Intl 115:10-11 Jan '78

Middle East

The West's jugular vein: Arab oil. Bridget Gail. illus tabs Armed Forces J Intl 115:18-20+ Aug '78

NATO

Management and international trade. MajGen Robert D. Terry, Ret. illus Signal 32:45-48 Jul '78

UNITED STATES - ContinuedForeign Economic Relations - Cont'dPacific Region

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Weisner. chart map illus Signal 32: 7-11 Feb '78

Russia

Let's be sensible about Soviet-American trade. Donald Kendall. illus Govt Exec 10:32-33+ Nov '78

U.S.-Soviet trade: A darkening view. Leigh Johnson. Def & For Aff Dig 6, No. 3:20+ '78

South Africa (Republic)

Economic development: The short sure road to desegregation. C.W. Borklund. illus Govt Exec 10: 42+ Jun '78

Foreign Policy

American policy and the trade-growth struggle. Robert O. Keohane. Intl Sec 3:20-43 Fall '78

America's apparent Africa policy. illus Govt Exec 10:47-49+ Feb '78

Arms sales: A program with a purpose. Herbert Y. Schandler. illus Sea Power 21:28-33 Feb '78

The Carter policy: Can it cut the arms connection? tab Def Monitor 7:4-8 Feb '78

The coming U.S. strategic debate. LtGen Daniel Graham. illus Def & For Aff Dig 6, No. 3: 31-33+ '78

Containment, strategic value, world image--differing views of national security. Thomas I. Dickson. Nav War Col Rev 31:72-75 Fall '78

Detente and deterrence: From Kissinger to Carter. Keith A. Dunn. illus Parameters 7, No. 4:46-55 '77

Foreign policy following too many directions. Philip M. Crane. illus Officer 54:15-16 Oct '78

The forward thrust of U.S. power. Gregory R. Copley. illus Def & For Aff Dig 6, No. 2:4-6+ '78

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

Human rights and foreign policy: The relationship of theory and action. Maj William M. Martin, Jr. illus Parameters 8:30-40 Sep '78

Is U.S. again preparing for the wrong war? Harvey A. DeWeerd. illus Army 28:26-30 Feb '78

Jimmy Carter's arms transfer policy: It won't work. Gen Bernard A. Schriever, Ret. AEI Def Rev 2, No. 5:16-28 '78

The law of supply and the armed: Industry and the U.S. arms control policies. David Harvey. illus tab Def & For Aff Dig 6, No. 9:15-17+ '78

The military implications of public opinion. Maj Brian Mullady. illus tabs AU Rev 29:51-59 May-Jun '78

NATO: The next ten years. J. M. A. H. Luns. RUSI J for Def Studies 122:3-7 Dec '77

Needed: A policy of restraint for United States arms transfers. Dick Clark. tabs AEI Def Rev 2, No. 5:2-15 '78

UNITED STATES - ContinuedForeign Policy - Cont'd

The new internationalisms. Michael Mandelbaum and William Schneider. Intl Sec 2:81-98 Winter '78

Of foreign policy and weapons. (Excerpts from address, Women Air Force Service Pilots, Colorado Springs, Sep 30, 1978) Sen Barry Goldwater. AF Times 39:18 Nov 6 '78; Army 28:11-12 Nov '78

The Persian Gulf: Central or peripheral to United States strategy? VADM W.J. Crowe. illus map tab US Nav Inst Proc 104:184-209 May '78

Perspectives on FY 1979 Defense budget. (Presentation, Industrial Economics Seminar sponsored by Chase Econometric Associates, San Francisco, March 1, 1978) John A. Hewitt, Jr. tabs AF Pcly Ltr for Comdrs: Sup No. 6:16-37 Jun '78

(Relationship of military power to foreign policy) (Admiral Raymond A. Spruance Lecture, March 8, 1978) Henry A. Kissinger. Nav War Col Rev 31: 4-10 Summer '78

SecNav (Claytor) blasts OSD budget guidance; new draft is on President Carter's desk. Benjamin F. Schemmer. tab Armed Forces J Intl 115:10 Apr '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. illus Aerosp Hist 25:74-77 Jun '78

There's a right way to stop Russia's Africa expansion. Col Robert D. Heintz, Jr., Ret. illus Sea Power 21:35-36 Aug '78

United States arms export policy and weapons cooperation. Robert A. Gessert. illus tabs NATO's Fifteen Nations 22:56-59+ Dec '77-Jan '78

U.S. foreign policy and nuclear proliferation. William R. Pendergast. illus Nav War Col Rev 31:49-65 Summer '78

U.S. ground forces: Inappropriate objectives, unacceptable costs. tabs Def Monitor 7: entire issue Nov '78

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I. D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

The United States on Diego Garcia--a question of limits. Ryan J. Barilleaux. map AU Rev 29:25-33 Mar-Apr '78

U.S. purpose, power and the Camp David accords. Robert L. Pfaltzgraff, Jr. illus Strat Rev 6:29-33 Fall '78

The way to perceive peace in the Middle East. Ashraf Ghorbal. Intl Sec 2:13-21 Winter '78

Foreign Relations

Constitutional authority for executive agreements pertaining to the Armed Forces. Col Gary C. Wendel. AF Law Rev 20, No. 1:71-86 '78

Africa, South

Conflict in southern Africa: A debate. Kenneth Adelman and Gerald J. Bender. Intl Sec 3:67-122 Fall '78

UNITED STATES - ContinuedForeign Relations - Cont'dAsia

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

Asia, Southeastern

ASEAN (Association of SouthEast Asian Nations) and U.S. security interests. Justus M. van der Kroef. illus Strat Rev 6:51-61 Spring '78

ASEAN, 1985-2000: A U.S. role to influence its shape. Thomas L. Wilborn. illus Parameters 8: 17-29 Sep '78

Southeast Asia: War without end. Bonner Day. map tabs AF Mag 61:48-53 Oct '78

Brazil

How we officially lost Brazil. Stephen G. Saltzman. illus Govt Exec 10:34+ Sep '78

Chile

Imperial "reach": U.S. policy and the CIA in Chile. Morris Morley and Steven Smith. J Pol & Mil Sociol 5:203-216 Fall '77

China (People's Republic)

Reflections on multipolarity. CAPT William A. Platte. Nav War Col Rev 30:33-46 Winter '78

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

Three powers--two oceans. Charles Burton Marshall. illus Nav War Col Rev 30:9-20 Winter '78

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

China (Republic)

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

Europe, Western

United States defence policy today. Gen George S. Brown. RUSI J for Def Studies 123:3-4+ Sep '78

U.S. reinforcement of AFCENT. WgComdr P.R. Bond. illus Royal Air Forces Qtr 18:123-132 Summer '78

Iran

Iran--strategic keystone. John Golden. map Natl Def 63:47-49+ Nov-Dec '78

Israel

Arms for Israel: The limit of leverage. Thomas R. Wheelock. Intl Sec 3:123-137 Fall '78

Japan

Relations with Asia. Craig Spence. illus Def & For Aff Dig 6, No.2:8-9+ '78

Korea (Republic)

Chinese reactions to the U.S. withdrawal from Korea. Capt Richard M. Saunders. Parameters 8: 70-77 Sep '78

UNITED STATES - ContinuedForeign Relations - Cont'dKorea (Republic) - Cont'd

Defense and cooperation: The USAF in Korea. (Remarks before Songtan-Up Chapter, Lions International, Feb 15, 1978) MajGen Robert C. Taylor. AF Plcy Ltr for Comdrs: Sup No.5:24-27 May '78

The Korean balance vs the U.S. withdrawal. Bridget Gail. maps tabs Armed Forces J Intl 115:37-42 Apr '78

Team spirit with South Korea. David Harvey. illus Def & For Aff Dig 6, No.3:28-29 '78

Middle East

Beyond the "plane package": Arms and politics in the Middle East. Andrew J. Pierre. Intl Sec 3:148-161 Summer '78

CENTO and U.S. Mideast policy. Gen T.R. Milton. Ret. AF Mag 61:21 Apr '78

Foreign energy sources and military power. Majs Daniel W. Christman and Wesley K. Clark. illus Mil Rev 58:3-14 Feb '78

U.S. purpose, power and the Camp David accords. Robert L. Pfaltzgraff, Jr. illus Strat Rev 6:29-33 Fall '78

NATO

The eagle in Europe. John Fullerton. Def & For Aff Dig 6, No.2:18-19 '78

Inter-allied goals for a strong NATO defense. Harold Brown. illus Command 1:2-3+ Dec '78

The neutron warhead: Stormy past, uncertain future. LtCol Alex A. Vardamis. illus Parameters 8:40-48 Mar '78

U.S. Armed Forces in Europe. (Remarks, U.S. and NATO Armed Forces personnel, Ramstein AB, Ger, May 19, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:2-8 Aug '78

U.S. NATO policy: The challenge and the opportunity. Robin L. Beard. illus US Nav Inst Proc 104:52-61 Nov '78

Pacific Region

Growth prospects in Asia. Thomas Pepper. illus Signal 32:30-33 Feb '78

Panama

Defense and the Panama Canal. (Remarks, Rotary Club, Charleston, SC, Jan 17, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No.3: 15-18 Mar '78

Our changing role in Panama: An overview. Col Norman M. Smith. illus maps Parameters 8:10-16 Sep '78

The United States and Panama: Two nations separated by a canal. map Def Monitor 12: entire issue Jan '78

Persian Gulf Region--History

U.S. strategic interests in Iran and Saudi Arabia. Robert Ghobad Irani. illus map Parameters 7, No.4:21-34 '77

UNITED STATES - ContinuedForeign Relations - Cont'dPhilippines (Republic)

Philippine-American relations and the U.S. bases:
A Filipino perspective. Capt Serapio P. Taccad.
Nav War Col Rev 30:67-74 Spring '78

Rhodesia

The United States and the endgame in Rhodesia.
Chester A. Crocker. illus Strat Rev 6:28-40 Summer '78

Russia

American perceptions of Soviet military power.
Phillip A. Petersen. illus Parameters 7, No.4:
71-82 '77

Blueprint for abdication. Maj Kenneth G. Miller. illus
AU Rev 29:31-38 May-Jun '78

The coming U.S. strategic debate. LtGen Daniel
Graham. illus Def & For Aff Dig 6, No.3:
31-33+ '78

Countering Soviet influence in the Third World. Mark
Katz. illus AF Mag 61:54-58 Aug '78

Interview. (Gen) Alexander M. Haig, Jr. illus Def &
For Aff Dig 6, No.1:4-7 '78

Pentagon activity in the Indian Ocean. Yu. Lugovskoi.
Soviet Mil Rev No.3:50-51 Mar '78

Reflections on multipolarity. CAPT William A.
Platte. Nav War Col Rev 30:33-46 Winter '78

SALT-II myths. Harvey A. DeWeerd. illus Army 28:
14-17 May '78

SALT II stirs heated debate. Andy Plattner. AF
Times 38:20 Jun 19 '78

SALT illusions. Frederick M. Sallagar. AF Mag 61:
43-48 Jun '78

The significance of SALT. J. William Fulbright. AEI
Def Rev 2, No.4:2-14 '78

Three powers--two oceans. Charles Burton Mar-
shall. illus Nav War Col Rev 30:9-20 Winter '78

Verifying the SALT agreements: Must it be by faith
alone? Harvey A. DeWeerd. illus Army 28:15-18
Aug '78

Saudi Arabia

The West's jugular vein: Arab oil. Bridget Gail. illus
Armed Forces J Intl 115:18-20+ Aug '78

South Africa (Republic)

Why Black development (in South Africa) will be sepa-
rate or not at all. C.W. Borklund. illus Govt Exec
10:35-36+ Jul '78

Why does the U.S. advocate terrorism in Southern
Africa? C.W. Borklund. illus map Govt Exec 10:
35-36+ Mar '78

Will the arms embargo leave South Africa defense-
less? illus Govt Exec 10:29+ Apr '78

Third World

Observing close encounters in the Third World.
Charles Yost. Intl Sec 3:187-192 Summer '78

UNITED STATES - ContinuedForeign Relations - Cont'dTurkey

The Turkish-Greek conflict: U.S. intelligence suffers
most. Col Robert D. Heinl, Jr. Ret. illus Sea
Power 21:9-10 Feb '78

Politics and Government

Government's growing isolation from business. John
E. Clarke. illus Govt Exec 10:49-50 Jul '78

Los Angeles: The suburbs have found a city. John F.
Judge. Govt Exec 10:14-17 Nov '78

The politics of defense spending: "We want coopera-
tion, not confrontation." Interview. Don Mitchell.
illus Govt Exec 10:45-46 Jul '78

Social Conditions

Teachers, technology & tradition: The cost cutting
adjustment. illus Govt Exec 10:12+ Aug '78

UNITED STATES ARMOR ASSOCIATION

(Annual Armor Conference, U.S. Armor Assoc, Fort
Knox, Ky, 1978) illus Armor 87:30-53 Jul-Aug '78

UNITED STATES ARMY, EUROPE see Army, EuropeUNITED STATES NAVAL INSTITUTEHistory

The Naval Institute, Mahan, and the naval profession.
Lawrence C. Allin. illus Nav War Col Rev 31:29-48
Summer '78

UNIVERSITIES AND COLLEGESUnited States

Cadet (ROTC) detachments placed on probation. AF
Times 38:10 May 8 '78

Some thoughts on the changing nature of logistics
education. Bernard J. La Londe. illus Log Spec-
trum 11:21-23 Winter '77

Veritas revisit: A look at the Harvard Business
School's Advanced Management Program. MajGen
Robert L. Edge, Ret. illus Signal 32:21-24 Jul '78

UNKNOWN SOLDIER

'Known but to God.' Robert L. Loeffelbein. illus Army
28:38+ Nov '78

URBAN MASS TRANSPORTATION see TransportationURBAN WARFARE

Mortars in urban combat. Capt James F. Grim. In-
fantry 68:12-13 Nov-Dec '78

Organising defences in a town. Col A. Zherdev. illus
Soviet Mil Rev No.10:21-23 Oct '78

Urbanized terrain: Perspective and patterns. LtCol
John W. Burberry, Jr, Ret. illus maps Mil Rev
58:3-10 Mar '78

URBANIZATION see Cities and TownsUTAHEconomic Conditions

Military legacy--converting a military asset into a
commercial bonanza: The story of the Clearfield
Naval Supply Depot in Utah. Robert Baker. illus
Def Trans J 34:14+ Feb '78

UTILITIES see Public Utilities

VTOL see Airplanes, V/STOL

VALUE ENGINEERING

Logistics lessons from a packing house. Harold L. Rubenstein. Log Spectrum 12:38-41 Spring '78

VANDENBERG, Hoyt S., Jr

"Here I am; send me." (Remarks, undergraduate pilot training class, Columbus AFB, Miss, Aug 31, 1978) MajGen Hoyt S. Vandenberg, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:18-19 Nov '78

VAN DEURS, George

The first carrier plane scouting mission. RADM George van Deurs, Ret. US Nav Inst Proc 104:76-77 Oct '78

VANNOY, Frank W.

Where do the gators go from here? VADM Frank W. Vannoy, Ret. por US Nav Inst Proc 104:88-95 Mar '78

VAN ORDEN, Merton D.

Management by decision. RADM M.D. Van Orden, Ret. por Signal 33:35-39 Sep '78

VAUGHAN, Woodrow W.

Saving time and dollars through parts control. LtGen Woodrow W. Vaughan, Ret. Def Mgt J 14:39-41 Jul '78

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VENUS (PLANET)

See also
Space Flight to Venus

VENZKE, Norman C.

Polar Star--sitrep one. RADM Norman C. Venzke. por US Nav Inst Proc 104:103-106 Oct '78

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Flicker-induced seizures: Alias flicker vertigo. LCDR Jane McWilliams. illus Aerosp Safety 34:16-17 Dec '78

VESSEY, John W., Jr

Combat-ready on the DMZ (DeMilitarized Zone). Gen John W. Vessey, Jr. por Army 28:86-90 Oct '78

VETERANS

Congress passes measures affecting large segments of American veterans. Officer 54:21 Dec '78

DOD wants job protection for kin o'seas. AF Times 39:12 Aug 21 '78

Definition of Viet vet 'arbitrarily' changed (by Labor Dept). AF Times 38:29 Mar 27 '78

Fed jobs open to vets--help still available. AF Times 39:22 Aug 14 '78

VETERANS - Continued

How many Vets are left on the Hill? Kathy Kelly and Alicia Blaisdell-Bannon. illus tab AF Times 38:16+ Jul 3 '78

Justice (Dept) brief backs vet hiring priority. AF Times 39:8 Dec 18 '78

Military rank at separation and mortality. Robert J. Keehn. tabs Armed Forces & Soc 4:283-292 Winter '78

New law (liberalizing the Veterans' Readjustment Appointment Authority) seen upping vet job-seekers. AF Times 39:36 Nov 27 '78

Policyholders to get \$445.6M in dividends. Larry Carney. AF Times 38:6 Jan 16 '78

VA asks readjustment services for vets. Larry Carney. AF Times 38:27 Feb 6 '78

VETERANS, DISABLED

Disability pay for some might be dropped. Jay Finegan. AF Times 38:20 Jan 9 '78

Disabled retirees win tax break on annuity. AF Times 38:41 Apr 24 '78

Disabled vets ask cost-of-living \$\$\$. AF Times 39:8 Dec 11 '78

M(ultiple) s(clerosis) victim (LtCol Philip H. Baker, Ret) hurt by CHAMPUS switch. Richard C. Barnard. AF Times 39:6 Dec 18 '78

Rules tightened on (disability) retirement (of general and flag officers). AF Times 38:4 Jun 12 '78

6.6 percent disability boost topped '77 vet benefits. Larry Carney. AF Times 38:36 Jan 9 '78

VA: Overhaul aid to disabled. AF Times 39:43 Oct 30 '78

The word is challenge. Josephine C. Walker. illus Soldiers 33:23-25 Oct '78

VETERANS ADMINISTRATION

GI home loans face overhaul. AF Times 39:21 Aug 28 '78

Home loan guarantee now up to \$25,000. AF Times 39:25 Oct 30 '78

VA asks readjustment services for vets. Larry Carney. AF Times 38:27 Feb 6 '78

VA: Overhaul aid to disabled. AF Times 39:43 Oct 30 '78

The VA's bountiful benefits. Ed Gates. illus tab AF Mag 61:60-64 Aug '78

VA's 'mortgage' limits hurting home buyers. AF Times 38:8 Apr 10 '78

Statistics

The VA's bountiful benefits. Ed Gates. illus tab AF Mag 61:60-64 Aug '78

VETERANS BENEFITS

See also

Bonuses

VETERANS BENEFITS - Continued

- Disability pay for some might be dropped. Jay Finegan. AF Times 38:20 Jan 9 '78
- 5.8 percent boost in VA payments called too small. Larry Carney. AF Times 38:4 Feb 13 '78
- GI Bill changes called OK. AF Times 38:42 Mar 6 '78
- Health plan includes military: New U.S. project would cover vets, CHAMPUS. AF Times 38:4 May 29 '78
- High court (Supreme) upholds GI Bill restrictions. AF Times 38:22 Apr 10 '78
- Justice (Dept) brief backs vet hiring priority. AF Times 39:8 Dec 18 '78
- More may get GI loan aid. Larry Carney. AF Times 38:23 Apr 24 '78
- Ruling hits overseas jobs for kin. Randy Moore. AF Times 38:1+ Jul 10 '78
- 2d discharge review on (to determine eligibility for veterans benefits). AF Times 38:8 Apr 17 '78
- Senate panel (Veterans Affairs Committee) okays 68 percent pension boost. AF Times 38:8 Apr 10 '78
- 6.6 percent disability boost topped '77 vet benefits. Larry Carney. AF Times 38:36 Jan 9 '78
- 36,400, most soldiers, use GI Bill education. AF Times 39:8 Dec 11 '78
- VA asks readjustment services for vets. Larry Carney. AF Times 38:27 Feb 6 '78
- VA: Overhaul aid to disabled. AF Times 39:43 Oct 30 '78
- The VA's bountiful benefits. Ed Gates. illus tab AF Mag 61:60-64 Aug '78

VETERANS ORGANIZATIONS

- The Regular Forces Employment Association. Edward M. Spiers. tabs Army Qtr 107:460-468 Oct '77
- VFW tries to head off collision over sex bias. AF Times 38:4 Jul 3 '78
- VFW votes women in. AF Times 39:12 Sep 4 '78

VETERINARY CORPSAir Force

- Operation of a zoonosis control clinic. TIG Brief 30:19 Jul 21 '78

Armed Forces

- Brown backs down on veterinarian cuts. AF Times 39:8 Oct 2 '78
- Dogs to lose docs under (SecDef) Brown plan. Ron Sanders. AF Times 39:10 Aug 14 '78
- Veterinary service for animals. TIG Brief 30:18 Feb 3 '78

VIBRATION

- Backache in helicopter pilots. Maj Ron Goede. (Reprinted from Flight Comment, No.4, 1977) illus Aerosp Safety 34:14-16 May '78

VIBRATION - Continued

- Comparison of analysis techniques for electromyographic data. John C. Johnson. illus tabs Aviation, Space & Envmt Med 49:14-18 Jan '78

- Helicopter vibrations: Where we are. Maj Daniel P. Schrage. illus tabs USA Avn Dig 24:18-21 Mar '78

VIETNAM (DEMOCRATIC REPUBLIC)

- Vietnam on the upgrade. A. Mineyev. Soviet Mil Rev No.7:53-54 Jul '78

VIETNAM (SOCIALIST REPUBLIC)

- Inside Vietnam: The recycling of a society. Douglas Pike. illus Strat Rev 6:48-55 Summer '78
- Vietnam: Will the war ever end? Rick Cofta. Mil Elect/Countermeasures 4:22+ Dec '78

Economic Conditions

- Inside Vietnam: The recycling of a society. Douglas Pike. illus Strat Rev 6:48-55 Summer '78

Foreign RelationsCambodia

- Communist Vietnam and the border war: Victim or aggressor? Joseph A. Mendenhall. illus Strat Rev 6:56-61 Summer '78

VIETNAMESE CONFLICT, 1957-1975

- Clausewitz would have wondered at the way we fought in Vietnam. Maj Patrick L. Townsend. MarCor Gaz 62:55-57 Jun '78
- A preview, 3 months early: The "big movie" on Vietnam--Apocalypse Now. Fred L. Rexter, Jr. Armed Forces J Intl 115:41+ Feb '78
- What did you do in Vietnam, Grandpa? LtCol Harry G. Summers, Jr. illus Army 28:14-19 Nov '78

Aerial Operations, American

- Air power and the protection of Mekong River convoys. Maj William A. Mitchell. illus maps tabs Am Avn Hist Soc J 23:90-98 Summer '78
- The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78
- Vietnam evacuation--a postscript. James D. Sprinkle. illus Am Avn Hist Soc J 22:267 Winter '77

American Participation

- How we backed into Vietnam. Gen T.R. Milton, Ret. AF Mag 61:33 May '78
- Vietnam postmortem: A senseless strategy. John M. Collins. illus Parameters 8:8-14 Mar '78

Campaigns and Battles

- One large success (Operation Meade River) in a lost war. SgtMaj Jack W. Janual, Ret. MarCor Gaz 62:72-73 Nov '78

Casualties

- 5 of 11 Viet War dead are identified positively. AF Times 39:23 Sep 4 '78
- Identification Lab will brief Viets (on methods of identifying and recovering the remains of American MIAs). AF Times 38:2 Jan 30 '78

VIETNAMESE CONFLICT, 1957-1975 - ContinuedLessons Learned (Military)

The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

The democratic Army and the nation-state. LtCol Andrew P.O'Meara, Jr. illus Parameters 8:35-44 Jun '78

Leadership, followership, and unit spirit: Reflections on a year in Vietnam. Capt Donald M. Bishop. illus AF Mag 60:52-56 Dec '77; Commentary. LtCol Robert W. Hunter. AF Mag 61:24-25 Feb '78; Commentary. Capt Richard M. Williams. AF Mag 61:25 Feb '78

Vietnam postmortem: A senseless strategy. John M. Collins. illus Parameters 8:8-14 Mar '78

'What did you do in Vietnam, Grandpa?' LtCol Harry G. Summers, Jr. illus Army 28:14-19 Nov '78

Logistics

The Commando Hunt V interdiction campaign: A case study in constrained optimization. Col Herman L. Gilster. illus tabs AU Rev 29:21-37 Jan-Feb '78

Medical and Sanitary Affairs

No health danger seen in defoliant (in Vietnam jungles). AF Times 39:28 Oct 30 '78

Missing in Action

Identification Lab will brief Viets (on methods of identifying and recovering the remains of American MIAs). AF Times 38:2 Jan 30 '78

Viets' MIA accounting called 'dismal.' AF Times 38:33 May 15 '78

Personal Narratives

A letter to a veteran. Le Thi Anh. Army 28:18-21 Nov '78

Political Aspects

See War--Political Aspects

Prisoners of War

The stress of separation. Alice Stratton. illus US Nav Inst Proc 104:52-59 Jul '78

Protests, Demonstrations, etc Against

Elite disunity and collective protest: The Vietnam case. Michael G. Burton. J Pol & Mil Sociol 5: 169-183 Fall '77

Public Opinion

It takes more than talent to cover a war. (Training the military reporter) Col William V. Kennedy. illus Army 28:23-26 Jul '78

The military implications of public opinion. Maj Brian Mullady. illus tabs AU Rev 29:51-59 May-Jun '78

VIETNAMESE CONFLICT, 1957-1975 - ContinuedRefugees

New Arrivals--an operation of human concern and compassion. (Vietnamese refugees at Eglin AFB, Fla) William D. Shaver. illus Aerosp Hist 25: 19-24 Mar '78

Strategy

The impact of strategic air warfare. George H. Quester. tabs Armed Forces & Soc 4:179-206 Winter '78

Vietnam postmortem: A senseless strategy. John M. Collins. illus Parameters 8:8-14 Mar '78

War Correspondents

It takes more than talent to cover a war. (Training the military reporter) Col William V. Kennedy. illus Army 28:23-26 Jul '78

VISAS see PassportsVISUAL AIDS see Audio-Visual AidsVISUAL FLYING

Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

Danger area--look out! Capt William C. Kassen. illus Combat Crew 28:4-7+ Aug '78

Eyeballs out--see and avoid. illus Aerosp Safety 34: 2-3 Dec '78

From decision height to touchdown. Capt Tom Couch. illus Combat Crew 28:20-21 Jul '78

The last 300 feet. Capt Bruce L. Gumble. illus MAC Flyer 25:8-11 Nov '78

Now you see it ... now you don't. (Collision avoidance) illus tabs Aerosp Safety 34:27 Sep '78

See and avoid concept: Is it effective? Capt Alvin C. Hoekstra. illus tabs Combat Crew 28:22-24 Aug '78

You've got it and you'd better keep it. Interceptor 20: 18-19 Dec '78

VOICE OF AMERICA

Poisoning the ether. Col V. Zhukov. Soviet Mil Rev No. 12:47-49 Dec '78

VOLUNTARY SERVICE see Military Service, VoluntaryVOTING

Absentee vote process creaks, report says. M.L. Craver. AF Times 38:8 Mar 27 '78

How to get your absentee vote counted. AF Times 39:28 Aug 14 '78

Voter index copying system achieves major cost saving. James A. Riggs. Govt Exec 10:47 Apr '78

WAC see Women in the Army

WAF see Women in the Air Force

WAPS see Weighted Airman Promotion System

WAVES see Women in the Navy

WWMCCS see Worldwide Military Command and Control System

WAGNER, Arthur L.

Arthur L. Wagner: Doctrine and lessons from the past. Maj Michael D. Krause. Mil Rev 58:53-59 Nov '78

WAKE TURBULENCE see Turbulence

WALKER, Emmett H., Jr

The Army National Guard aviation program. MajGen E. H. Walker. USA Avn Dig 24:1-6 Oct '78

Dual roles 'unique, compatible.' MajGen Emmett H. Walker, Jr. por Army 28:78-80 Oct '78

WALKER, Kenneth N.

BrigGen Kenneth N. Walker, prophet of strategic airpower. MajGen Haywood S. Hansell, Jr. Ret. por AF Mag 61:92-94 Nov '78

WALSH, John P.

A world in mutation. (Address, Huntingdon College, Montgomery, Ala, Oct 14, 1977) John Patrick Walsh. por Log Spectrum 12:5-10 Spring '78

WAR

See also specific wars by name, e.g.,

Arab-Israeli Conflict, 1967-
Civil War--U.S.
Korean War, 1950-1953
Mexican War, 1845-1848
Middle East Crisis, 1967
Middle East War, 1973
Napoleonic Wars
Revolutionary War--U.S.
Vietnamese Conflict, 1957-1975
War of 1812
World War I
World War II

The categories of materialist dialectics and military science. Col V. Login. Soviet Mil Rev pt 1, No. 6: 17-19 Jun '78; pt 2, No. 7:36-38 Jul '78

An inquiry into the subject of war. (Lecture, Dept of Air Tactics and Strategy, Air School, Maxwell Field, Ala, 1933) Maj Harold Lee George. Reviewed by LtGen John B. McPherson, Ret. illus Aerosp Hist 25:206-209 Dec '78

The limits of military intervention: A propositional inventory. Morris Janowitz and Ellen P. Stern. illus Mil Rev 58:11-21 Mar '78

Marxist-Leninist doctrine on war and the Army. ColGen G. V. Sredin. illus Soviet Mil Rev No. 1: 18-21+ Jan '78

Modern forms of conflict. John E. Tashjean. RUSI J for Def Studies 122:20-24 Dec '77

WAR - Continued

Perceptions of modern conflict: Myths, mirrors and megatons. (Remarks, Nashville Air Force Assoc, Jan 6, 1978) Gen William G. Moore, Jr. AF Pley Ltr for Comdrs: Sup No. 3:9-14 Mar '78

Southeast Asia: War without end. Bonner Day. map tabs AF Mag 61:48-53 Oct '78

Economic Aspects

See also

Economic Warfare
also subdivision under specific wars

Ethical Aspects

The impact of strategic air warfare. George H. Quester. tabs Armed Forces & Soc 4:179-206 Winter '78

Twentieth-century mercenaries. Yuri Zhukov. Soviet Mil Rev No. 5:48-49 May '78

Laws

See International Law

Political Aspects

The democratic Army and the nation-state. LtCol Andrew P. O'Meara, Jr. illus Parameters 8:35-44 Jun '78

Elite disunity and collective protest: The Vietnam case. Michael G. Burton. J Pol & Mil Sociol 5: 169-183 Fall '77

The lessons of Teheran. V. Berezhkov. Soviet Mil Rev No. 11:40-42 Nov '78

The use of the armed forces as a political instrument. Barry M. Blechman and Stephen S. Kaplan. Nav War Col Rev 30:80-87 Spring '78

What is behind the "new science" on war? Col I. Chelyshev. Soviet Mil Rev No. 8:52-53 Aug '78

Principles

See Military Art and Science

Psychological Aspects

The popular masses--decisive force in war. Col N. Kulikov. Soviet Mil Rev No. 3:9-11 Mar '78

Social Aspects

What is behind the "new science" on war? Col I. Chelyshev. Soviet Mil Rev No. 8:52-53 Aug '78

WAR, FUTURE

Are we ready for the future? Gen William E. DePuy, Ret. illus tabs Army 28:22-29 Sep '78

The battlefield threat: Soviet concepts, doctrine and strategy. Maj John P. Rose. illus Air Def Mag, pp 24-29, Jul-Sep '78

C³--the essential ingredient to air defense. Dan Boyle. illus maps Intl Def Rev 11, No. 6:860-864 '78

Defense planning: A time for breadth. Maj Richard J. Lunsford, Jr. illus Parameters 8:15-25 Mar '78

The end of U.S. strategic supremacy and its consequences for Western Europe. LtCol D. Norbert Hannig, Ret. illus tabs Intl Def Rev 11, No. 8: 1237-1241 '78

WAR, FUTURE - Continued

- Field artillery of the 1980's. MajGen Jack N. Merritt. illus Natl Def 62:544-548 May-Jun '78
- Fighting the "unthinkable": Nuclear war in the 1980s. Gerard K. Burke. illus tabs Mil Rev 58:9-19 Jun '78
- Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78
- Indicators of the coming war. Gregory R. Copley. Def & For Aff Dig 6, No. 3:26-27+ '78
- Is U.S. again preparing for the wrong war? Harvey A. DeWeerd. illus Army 28:26-30 Feb '78
- MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78
- Medical care lack seen if war comes--Europe assessment. AF Times 39:6 Aug 28 '78
- The place of maritime strength in the strategy of deterrence. George R. Lindsey. illus Nav War Col Rev 30:26-33 Spring '78
- 'Short war' concept needs airing. MajGen Richard H. Cooper. illus Officer 54:8-9 Apr '78
- Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D. M. O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C. N. Donnelly. illus Intl Def Rev 11, No. 9:1405-1412 '78
- What the next Arab-Israeli War might look like. Steven J. Rosen. Intl Sec 2:149-173 Spring '78

WAR AIR SERVICE PROGRAM

- CAB: 9.6B gallons of fuel for war. AF Times 38:27 Feb 20 '78

WAR AND TECHNOLOGY

- The challenge-implications for AFROTC. LtCol Ronald J. Kraus. illus Educ J 20:48-51 Spring '78
- The chimera of mutual deterrence. John Erickson. illus Strat Rev 6:11-17 Spring '78
- Gulf States intensify electronic arms race. illus tabs Elect Warfare/Def Elect 10:41-42+ Jan '78
- Images of the future battlefield. Maj Robert A. Doughty and L. D. Holder. illus Mil Rev 58:56-69 Jan '78
- Implications of new technologies for air power. Air Commodore M. J. Armitage. Royal Air Forces Qtr 18:6-10 Spring '78
- Modern forms of conflict. John E. Tashjean. RUSI J for Def Studies 122:20-24 Dec '77
- "The role of technology in strengthening NATO." William J. Perry. illus NATO's Fifteen Nations 23:52-55 Feb-Mar '78
- Technologically improved warships: A partial answer to a reduced fleet. Reuven Leopold. Intl Sec 2: 185-194 Spring '78
- Technology in modern maritime affairs. Capt J. E. Moore. illus NATO's Fifteen Nations 23:47-51 Oct-Nov '78

WAR AND TECHNOLOGY - Continued

- The U.S. Senate and the future of the Navy. Gary Hart. Intl Sec 2:175-184 Spring '78

WAR GAMES

- Computers join the war games. Janet Hake. illus Soldiers 33:49-51 Feb '78
- The real thing--almost. (Innovative ideas, new training doctrine and the latest technology) Steve Stromvall. illus Soldiers 33:9-11 Feb '78
- War games and computers in TRADOC. William Oliver Hedgepeth. illus Mil Rev 58:26-32 Jul '78

WAR MEMORIALS see MemorialsWAR OF 1812

- Climax at Lake Champlain (War of 1812). James A. Carr. maps Natl Def 63:59-62+ Nov-Dec '78
- An eyewitness account of the Battle of Lake Erie. Richard J. Cox. illus tabs US Nav Inst Proc 104: 67-74 Feb '78

WAR POTENTIAL

- Global strategy behind defense budget. Drew Middleton. Natl Guardsman 32:8-9 Jul '78
- New directions in defense spending: A perspective. illus Def & For Aff Dig 6, No. 9:4-7+ '78

Middle East

- Thinking the unthinkable: The possibilities and implications of strategic bombing against Israel in the next war. Uri Bialer. illus tab RUSI J for Def Studies 122:65-71 Dec '77
- What the next Arab-Israeli War might look like. Steven J. Rosen. Intl Sec 2:149-173 Spring '78

NATO

- NATO--a military appraisal. Gen H. F. Zeiner Gundersen. RUSI J for Def Studies 123:17-22 Sep '78
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78
- President warned "current balance of forces (in NATO) gives no cause for complacency." Armed Forces J Intl 115:20-21 May '78

Russia

- The Central Europe battlefield: Doctrinal implications for counterair-interdiction. Col Robert D. Rasmussen. illus map tabs AU Rev 29:2-20 Jul-Aug '78
- End of the strategic triad? Jacquelyn K. Davis. illus tabs Strat Rev 6:36-44 Winter '78
- The importance of the northern flank to NATO. Gen Peter Whiteley. illus NATO's Fifteen Nations 23: 18-20+ Apr-May '78
- (NATO and the Soviet threat) (Banquet address, AFCEA Convention, Washington, June 20-22, 1978) Gen Alexander M. Haig, Jr. illus Signal 32:33-37 Aug '78

WAR POTENTIAL - ContinuedRussia - Cont'd

The Nunn-Bartlett report: A realistic prescription for NATO? LtCol Richard J. Stachurski. illus AU Rev 29:21-25 Jul-Aug '78

The size and quality of the Soviet Armed Forces and Soviet military policy. P.H. Vigor. NATO's Fifteen Nations 22:24-26+ Oct-Nov '77

Survivable ICBMs. William Schneider, Jr. illus tabs map Strat Rev 6:13-28 Fall '78

What the United States needs to maintain security. Col Robert D. Heintz, Jr., Ret. illus Sea Power 21: 13-14 Jul '78

Warsaw Pact

Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78

Will the Pact attack? Richard Dana. illus Def & For Aff Dig 6, No. 11:37+ '78

WAREHOUSES see StorageWARFARE see specific types of warfare, e.g.,

Air Warfare
Antisubmarine Warfare
Armored Warfare
Chemical-Biological Warfare
Counterinsurgency
Economic Warfare
Electronic Warfare
Guerrilla Warfare
Jungle Warfare
Land Warfare
Mine Warfare
Naval Warfare
Nuclear Warfare
Psychological Warfare
Strategic Warfare
Tactical Warfare
Urban Warfare

WARNING DEVICES

Early warning (Platoon Early Warning System). MSgt Bruce N. Bant. illus Soldiers 33:34-35 Sep '78

Internal security--some recent equipment from the UK. illus tabs Intl Def Rev 11, No. 8:1302-1306 '78

WARNING SYSTEMS

See also specific types of warning systems, e.g.,

Airborne Early Warning
Ballistic Missile Early Warning System
Distant Early Warning Systems

Early warning (Platoon Early Warning System). MSgt Bruce N. Bant. illus Soldiers 33:34-35 Sep '78

FAAR (Forward Area Alerting Radar) deployment and related problems. Capt William H. Mattfeld. illus Air Def Mag, pp 30-33, Jul-Sep '78

Midair collision avoidance. Capt James J. Lawrence. illus Aerosp Safety 34:9-13 Jan '78

The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

Surveillance and warning. Wallace D. Henderson. illus Signal 33:39-40+ Nov-Dec '78

WARSAW PACT

See also subdivision under specific subjects, e.g.,

War Potential--Warsaw Pact

Airpower--NATO's foremost deterrent. Edgar Ul-samer. illus AF Mag 61:24-30 Apr '78

The Benelux and northern German plains avenue of approach. LtCol Clayton A. Pratt. illus maps Mil Rev 58:2-8 Jun '78

Dependence and interdependence in the Warsaw Pact. Daniel S. Papp. illus tabs Parameters 8:57-70 Jun '78

Fraternal alliance of the socialist countries. ColGen A. Dementyev. illus Soviet Mil Rev No. 5:2-4 May '78

Future tactical warfare programs. Robert A. Moore. illus Natl Def 62:302-306 Jan-Feb '78

The ground forces in Soviet military policy. John Erickson. illus map Strat Rev 6:64-79 Winter '78

Mutual force reductions: A military perspective. Steven Canby. Intl Sec 2:122-135 Winter '78

NATO and the Warsaw Pact--an assessment. Col Phil Stevens, Ret. tabs Mil Rev 58:34-42 Sep '78

NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78

Organization versus alliance: The Warsaw Pact in retrospect and prospect. Richard E. Darilek. illus Parameters 8:71-79 Jun '78

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77; pt 2, The NATO Warsaw Pact imbalance. 115:20-24+ Jan '78

Teeth of the bear: WarPac divisions. Richard Dana. Def & For Aff Dig 6, No. 7:30-31+ '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 61:71-73 Dec '78

A Warsaw Pact front commander's concept. LtCol George F. Steger. illus Mil Rev 58:2-4 Apr '78

Will the Pact attack? Richard Dana. illus Def & For Aff Dig 6, No. 11:37+ '78

History

Background to the Warsaw Treaty. (Soviet military report, 2) Richard Dana. Def & For Aff Dig 6, No. 3:36-38 '78

Organization

What motivates the Warsaw Pact? Richard Dana. Def & For Aff Dig 6, No. 5:40-41 '78

WARSHIPS

See also specific types of warships, e.g.,
 Aircraft Carriers
 Aircraft Carriers, Nuclear Powered
 Amphibious Warfare Ships
 Cruisers
 Destroyers
 Minesweepers and Minesweeping
 Sea Control Ships
 Submarines
 Submarines, Nuclear Powered

The foreword to Jane's (Fighting Ships 1978-79).
 Capt John Moore, Ret. Sea Power 21:23-31 Aug '78

RINA (Royal Institution of Naval Architects) symposium on small fast warships and patrol vessels (London, March 7-10, 1978). Rolf Boehe. illus tab Intl Def Rev 11, No.5:746-747 '78

Germany

What ship is that? CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 104:61-73 Jul '78

Great Britain

Amphibious warfare: The northern flank. Desmond Wettren. illus NATO's Fifteen Nations 23:28-29+ Apr-May '78

Japan

What ship is that? CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 104:61-73 Jul '78

NATO

One step toward standardization? (NATO Frigate 122). Egbert Thomer. illus NATO's Fifteen Nations 22: 43+ Oct-Nov '77

United States

(DefSec) Brown changes his mind--adds ships to '79 supplemental. illus Sea Power 21:16-17 Dec '78

In the Navy's future: The small, fast surface ship. CDR Ronald E. Adler, Ret. illus US Nav Inst Proc 104:102-111 Mar '78

The Navy of the 21st century: Representative Tribble calls for 'small ship Navy' to augment 'big ship Navy.' James D. Hessman. illus Sea Power 21: 20-22 Dec '78

A new kind of Navy. CDR Timothy J. Keen, Ret. tab illus US Nav Inst Proc 104:32-40 Jan '78

Shipboard electronic warfare. Richard Hartman. illus Mil Elect/Countermeasures 4:18+ May '78

Technologically improved warships: A partial answer to a reduced fleet. Reuven Leopold. Intl Sec 2: 185-194 Spring '78

Technology and future warship design. Reuven Leopold. illus US Nav Inst Proc 104:36-47 Mar '78

WASHINGTON, George

The story behind a promotion: Washington is now No. 1. Brooks E. Kleber. por Army 28:14-15 Jun '78

WASHINGTON, DC

DC probation division cleans up in word processing through centralized dictation. Govt Exec 10:47 Mar '78

WASTE DISPOSAL see Refuse and Refuse Disposal

WATER

Water as a source of conflict. Col Roy L. Thompson. illus tabs Strat Rev 6:62-72 Spring '78

WATER-BASED AIRPLANES see Seaplanes

WATER POLLUTION see Pollution

WATER SAFETY

Save yourself from drowning. TIG Brief 30:8 May 12 '78

WATER SUPPLY

Chesapeake Bay hydraulic model. Samuel B. Heltzel. illus map Mil Engr 70:230-233 Jul-Aug '78

How SNOTEL (SNOW TELelemetry) could help solve several government problems. Govt Exec 10:25+ Dec '78

Lawton (Okla) advanced wastewater treatment plant. John M. Baker. illus tab Mil Engr 70:78-81 Mar-Apr '78

Pond liners, anyone? Ralph M. Woodley. illus tabs Mil Engr 70:392-395 Nov-Dec '78

WATERWAYSSee also

Panama Canal

American dredging: The turning point. John M. Edinger. illus Mil Engr 70:388-391 Nov-Dec '78

Chesapeake Bay hydraulic model. Samuel B. Heltzel. illus map Mil Engr 70:230-233 Jul-Aug '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

Dredging the nation's waterways: A big job for industry and the Army Corps of Engineers. MajGen Charles I. McGinnis. illus tab Mil Engr 70:402-404 Nov-Dec '78

Lost megawatts flow over nation's myriad spillways. David E. Lilienthal. (Reprinted from Smithsonian, Sep 1977) illus Mil Engr 70:82-85 Mar-Apr '78

The Shagawa Lake project. Robert M. Brice and others. illus map tab Mil Engr 70:412-415 Nov-Dec '78

WEAPON SYSTEMS

Defense industry news. Regular feature in issues of International Defense Review

Implications of new technologies for air power. Air Commodore M. J. Armitage. Royal Air Forces Qtr 18:6-10 Spring '78

International defense digest. Regular feature in issues of International Defense Review

WEAPON SYSTEMS - Continued

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

History

Weapons lethality and the nuclear threshold. Col T.N. Dupuy, Ret. tabs Armed Forces J Intl 116:24+ Oct '78

Maintenance and Repair

CLAMP (Closed Loop Aeronautical Management Program) on a tactical weapon system. George Beck, Jr. tab illus Def Mgt J 14:32-39 Jan '78

How to improve your chances for the big bang instead of the big fizzle. TIG Brief 30:5 May 26 '78

Joint inspection: Good technique for high payoff. TIG Brief 30:18 Jul 7 '78

Operation Listening Post. TIG Brief 30:17 Jul 7 '78

Reliability

Is life cycle cost costing lives? Norman R. Augustine. illus tabs Armed Forces J Intl 115:32+ Feb '78

Product liability. LtCol Robert B. Machen. illus Def Sys Mgt Rev 1:162-164 Winter '77

Reliability and maintainability in the acquisition process: DOD Directive 5000.x. Col Ben H. Swett. illus Def Sys Mgt Rev 1:126-148 Winter '77

Tradeoffs to achieve Design To Life Cycle Cost (DTLCC). Kim Newlin. illus tabs Log Spectrum 12:21-30 Fall '78

Testing

The Eglin (AFB, Fla) real-time computer system. George C. Suydan. illus Def Sys Mgt Rev 1:54-58 Summer '78

GBU-15 modular guided weapon system. Capt David J. Ladurini. illus TAC Attack 18:20-22 May '78

The Navy's R&D initiatives in advanced-testing technology. George W. Neumann and Mel E. Nunn. illus Def Mgt J 14:3-7 Sep '78

We do it first. (4485th Test Sq) Maj Davy M. Bass. illus TAC Attack 18:4-7 Jan '78

Brazil

The Brazilian Armed Forces: Military policy and conventional capabilities of an emerging power. William Perry. illus tabs Mil Rev 58:10-24 Sep '78

France

Is France a paper tiger--or an elusive wildcat? Michel Theoval. illus Armed Forces J Intl 116:22-23+ Nov '78

Why France's arms exports make it a paper tiger. Beau Morris. illus Armed Forces J Intl 116:19+ Oct '78

Great Britain

Lynx. illus map tab NATO's Fifteen Nations 23:109+ Oct-Nov '78

WEAPON SYSTEMS - ContinuedNATO

A-109: Initiating the fiscal year. tabs Mil Elect/Countermeasures 4:36-38+ Sep '78

Air defense against future threats. MajGen John J. Koehler, Jr. illus Natl Def 63:43-47 Jul-Aug '78; Air Def Mag, pp 10-13, Jul-Sep '78

Competition speeds DIVAD (DIVision Air Defense gun system). Edward E. Berry. illus Natl Def 62:532-533+ May-Jun '78

It's "easier to turn this building around ... than it is to turn around 14 NATO allies." Interview. Robert W. Komer. illus Armed Forces J Intl 116:47-52 Sep '78

NATO's new cautious optimism. Edgar Ulsamer. illus AF Mag 61:37-42 Jun '78

New conventional weapons. Gen Johannes Steinhoff, Ret. illus Aerosp Intl pt 1, Scope and direction. 14:28+ Feb-Mar '78; pt 2, 14:49-50 Apr-May '78

Roland: Exchange of expertise. illus Natl Def 62:549-550+ May-Jun '78

Russia

An analysis of Soviet artillery development. Oberst Kurt Hofmann, Ret. illus tab Intl Def Rev 10:1057-1061 Dec '77

Artillery weapons of the Soviet Union since World War II. Table only. Intl Def Rev 10:1059 Dec '77

Gallery of Soviet aerospace weapons. John W.R. Taylor. illus AF Mag 61:93-109 Mar '78

Is weapon development still possible? Maj Edgar O'Ballance, Ret. illus Mil Rev 58:2-12 Nov '78

United States

AEGIS: Shield of the fleet of the 80s. Charles DeVore. illus Signal 33:46-47 Oct '78

The advanced attack helicopter challenge. LtCol David L. Funk. illus Armor 87:16-22 Jan-Feb '78

Air Force R&D programs. LtGen Alton D. Slay. illus Natl Def pt 1, 62:386-389 Mar-Apr '78; pt 2, 62:551-552+ May-Jun '78

Arms control and gray-area systems. Jack H. Harris and William D. Bajusz. illus AF Mag 61:36-39 Feb '78

Boresight harmonization: Essential requirement for modern weapons systems. Henry M. Courten. illus Natl Def 63:38-41+ Sep-Oct '78

The cruise missile and the strategic balance. Robert Kennedy. illus Parameters 8:49-61 Mar '78

Developments in air warfare. George E. Blackshaw. illus tabs Natl Def 63:42-46+ Sep-Oct '78

Gallery of USAF weapons. S.H.H. Young. illus AF Mag 61:114-127+ May '78

Is weapon development still possible? Maj Edgar O'Ballance, Ret. illus Mil Rev 58:2-12 Nov '78

(Joint Navy/Air Force Cruise Missiles Project) Interview. RADM Walter M. Locke. illus Mil Elect/Countermeasures 4:18+ Sep '78

WEAPON SYSTEMS - ContinuedUnited States - Cont'd

- Land warfare developments. Charles H. McKinley. illus Natl Def 62:528-531+ May-Jun '78
- Mobile protected weapons system may be a substitute for tanks. Maj F. T. Klabough. illus tabs MarCor Gaz 62:31-34 Mar '78
- Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78
- Of foreign policy and weapons. (Excerpts from address, Women Air Force Service Pilots, Colorado Springs, Sep 30, 1978) Sen Barry Goldwater. AF Times 39:18 Nov 6 '78; Army 28:11-12 Nov '78
- Shipboard defense: EW proving its mettle. Richard Hartman. illus Elect Warfare/Def Elect 10:45-50 Aug '78
- Sidewinder: Durable free world defender. Harold J. Roop. illus Natl Def 63:30-32 Sep-Oct '78
- The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78
- USAF simulator fly-offs via A-109. Col Calvin H. Markwood. illus tabs Mil Elect/Countermeasures 4:27-30 Oct '78

Testing

- Management of major DOD test facilities. John W. McCord. illus Def Sys Mgt Rev 1:59-72 Winter '77

WEAPON SYSTEMS MANAGEMENTSee alsoSystems Engineering

- Advanced scout helicopters. Col George W. Shallcross. Armor 87:50-52 Jul-Aug '78
- The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78
- Deputy Program Manager for Logistics: The flexible manager. TIG Brief 30:12 May 12 '78
- Life of System Stock (LSS). TIG Brief 30:7 May 26 '78
- Management by objectives in a Navy R&D laboratory: A case study. P. L. Martin and others. illus Def Mgt J 14:44-51 Jan '78
- A modest proposal for management by major weapon system. 1stLt James D. Cook. tabs Def Mgt J 14: 19-26 Jan '78
- SIRCS (Shipboard Intermediate Range Combat System) and OMB (Office of Management and Budget) Circular A-109: Changing the major system acquisition process. CDR Alvin W. Musgrave, Jr. illus Def Mgt J 14:24-29 May '78
- U.S. Roland: A milestone in technology transfer. BrigGen Frank P. Ragano. illus Def Mgt J 14:3-10 May '78

WEAPONSSee also specific types of weapons, e.g.,

Airplanes, Bomber	Nuclear Weapons
Armored Vehicles	Rockets
Artillery	Small Arms
Bombs	Submarines
Grenades	Tanks, Military
Machine Guns	Torpedoes
Missiles	

Foreign weapons. Regular feature in some issues of National Defense

WEAPONS - Continued

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

The same sheet of music (for physical security of conventional arms, ammunition, and explosives). (DOD Manual 5100.76M) Myrtle S. Mero. illus tab Translog 9:6-8 May '78

Strategic and arms control implications of laser weapons: A preliminary assessment. Barry J. Smernoff. illus tabs AU Rev 29:38-50 Jan-Feb '78

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Exhibitions

Behind the scenes at Farnborough. illus Intl Def Rev 11, No. 9:1435-1439 '78

Maintenance and Repair

Maintenance of nuclear and nonnuclear hardness in operational USAF system. TIG Brief 30:10 Aug 4 '78

India

India's defense policy and infrastructure. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 58:31-41 May '78

NATO

"USAREUR's equipment inventory at highest level state ever." Interview. Gen George Samuel Blanchard. illus tab NATO's Fifteen Nations 22: 95-97+ Dec '77-Jan '78

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-123 Dec '78

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-127 Dec '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

Testing

The NATO small arms trials. A. J. R. Cormack. illus tab Intl Def Rev 11, No. 7:1043-1048 '78

Russia

Gallery of Soviet aerospace weapons. John W. R. Taylor. illus AF Mag 61:93-109 Mar '78

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

Soviet self-propelled cannon artillery. LtCol Charles M. Bartlett. illus tabs Mil Rev 58:54-66 Jun '78

Soviet surface naval weapons. Julian Lake. illus Mil Elect/Countermeasures 4:14-15 May '78

The Soviet threat. Jack F. Kemp. tabs AEI Def Rev 2, No. 3:15-36 '78

WEAPONS - ContinuedRussia - Cont'dHistory

From worker to arms designer (V.A. Degtyaryov). LtCol N. Yelshin. illus tab Soviet Mil Rev No. 3: 25-27 Mar '78

Sergei Simonov, arms designer. Col I. Dynin. illus Soviet Mil Rev No. 9:41-43 Sep '78

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-123 Dec '78

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-127 Dec '78

Spain

The brave old world develops its own sword and shield. Gregory Copley. illus Def & For Aff Dig 6, No. 10:16-17+ '78

Third World

Third World arms production: An end to embargoes? Gregory R. Copley and others. illus Def & For Aff Dig 6, No. 8:10-13+ '78

Third World arms production: Less power to the superpowers. Gregory Copley. illus Def & For Aff Dig 6, No. 9:24-26+ '78

United States

Gallery of USAF weapons. S.H.H. Young. illus AF Mag 61:114-127+ May '78

Killer satellites. Edgar O'Ballance. illus Natl Def 63:53-55+ Sep-Oct '78

1978 weapons directory. Eric C. Ludvigsen. illus Army 28:119-120+ Oct '78

The state of USAF's weapon technology. Interview. Gen Lew Allen, Jr. illus AF Mag 61:36-41 May '78

USAF's R&D, lean and healthy. Edgar Ulsamer. illus AF Mag 61:48-53 Dec '78

Exhibitions

Future programs dominate U.S. Army Show (Washington, Oct 17-19, 1977). illus Intl Def Rev 11, No. 1:86-92 '78

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-123 Dec '78

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-127 Dec '78

Study and Teaching

Training devices. Maj Douglas J. Richardson. Armor 87:52-53 Jul-Aug '78

WEAPONS - ContinuedWarsaw PactStatistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-123 Dec '78

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 61:122-127 Dec '78

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 61:111-116 Dec '78

WEAPONS CONTROLLERS

Automated operation with human control--a key feature of Patriot. LtCol Eugene Naegle, Ret. illus tab Air Def Mag, pp 17-23, Jul-Sep '78

A stern intercept technique. Capt John Q. Jordan. illus tab Navigator 25:5-7 Winter '78

The TAC WSO (Weapon System Officer). Maj Terrence M. Murphy and Capt James T. Bridges. illus Navigator 25:13-14 Winter '78

Weapon systems officer management, my end of tour report. Maj Nolan W. Schmidt. illus tab Navigator 25:26-31 Spring '78

What is a weapons controller? Capt Stephen D. Gray. TAC Attack 18:24 Jan '78

WEAPONS LOADING COMPETITIONS see Munitions Loading CompetitionsWEAPONS PROCUREMENTSee also

Arms Sales

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Costs

Is life cycle cost costing lives? Norman R. Augustine. illus tabs Armed Forces J Intl 115:32+ Feb '78

Air Force--Great Britain

The Tornado F.2 ADV--UK's new interceptor. Charles Gilson. illus Intl Def Rev 11, No. 6: 865-869 '78

Air Force--U.S.

Adversarial relationships in weapon system acquisition. TIG Brief 30:12 Jul 21 '78

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

How Air Force is putting horsepower in avionics procurement control. illus Govt Exec 10:28+ Oct '78

Improving Air Force independent operational testing. MajGen Howard W. Leaf. illus Def Sys Mgt Rev 1: 19-27 Winter '77

WEAPONS PROCUREMENT - ContinuedAir Force--U.S. - Cont'd

Systems acquisition regulation clarity. TIG Brief 30:16 Oct 6 '78

Armed Forces--Iran

Iran's security in the 1980s. Shahram Chubin. tab Intl Sec 2:51-80 Winter '78

Armed Forces--NATO

An assessment of a policy for U.S. Allied military-industrial cooperation. Robert E. McGarrah. illus Def Mgt J 14:36-41 Sep '78

Defense procurement: The British connection. CAPT T.H. Sherman. illus Def Sys Mgt Rev 1:45-50 Winter '77

It's "easier to turn this building around ... than it is to turn around 14 NATO allies." Interview. Robert W. Komer. illus Armed Forces J Intl 116:47-52 Sep '78

NATO, standardisation and nationalism: An economist's view. Keith Hartley. RUSI J for Def Studies 123:57-60 Sep '78

Rationalization, standardization & interoperability. Editorial. Julian S. Lake. illus Mil Elect/Countermeasures 4:102 Sep '78

Rationalizing--a NATO solution. Gen T.R. Milton, Ret. illus Natl Def 62:324-326 Jan-Feb '78

STANAG's. LtCol Charles W. Montgomery, Ret. Fld Arty J 46:35 Sep-Oct '78

Standardization or bankruptcy for NATO. LtCol Edmund K. Daley, Jr. illus US Nav Inst Proc 104: 78-87 Nov '78

Trade liberalization as a path to weapons standardization in NATO. Charles Wolf, Jr and Derek Leebaert. tabs Intl Sec 2:136-159 Winter '78

The two-way street and NATO standardization--a clarification of the U.S. position. Interview. MajGen Richard C. Bowman. illus Intl Def Rev 11, No.1:35-40 '78

Armed Forces--U.S.

[AMRAAM (Advanced Medium Range Air-to-Air Missile)] + [A-109] = interoperability. Murry Shohat. tabs Mil Elect/Countermeasures 4:50+ Sep '78

The DOD parts control system. Col William L. Cooper, Jr. illus Log Spectrum 12:30-32 Summer '78

"It's the management superstructure that's strangling the process." Interview. William J. Perry. illus Armed Forces J Intl 115:26-30+ Jul '78

(Pres) Carter's military budget: More than meets the eye behind the bare dollars. tabs Def Monitor 7: entire issue Apr-May '78

The two-way street and NATO standardization--a clarification of the U.S. position. Interview. MajGen Richard C. Bowman. illus Intl Def Rev 11, No.1:35-40 '78

Costs

U.S. acquisition costs by program. Table only. Intl Def Rev 11, No.3:436 '78

WEAPONS PROCUREMENT - ContinuedArmy--Great Britain

MBT 80 moves into project definition phase. Intl Def Rev 11, No.8:1339 '78

Army--Israel

The Merkava Mk1--an Israeli tank ready for series production. illus Intl Def Rev 11, No.7:1049-1052 '78

Army--U.S.

Army narrows gun choice. illus Armed Forces J Intl 115:12 Jan '78

(FY 1980) on the plus side: More Army units, more equipment, faster reinforcement. Armed Forces J Intl 116:40 Mar '78

House panel (Armed Services Investigations Subcommittee) blasts XM-1 120mm gun choice on every possible count. Armed Forces J Intl 115:9 Jul '78

Huskier NATO heads '79 Defense priorities. Eric C. Ludvigsen. illus tabs Army 28:14-19 Mar '78

New systems pose huge "bow wave" for Army budget. tabs Armed Forces J Intl 115:10+ Jun '78

1978 weapons directory. Eric C. Ludvigsen. illus Army 28:119-120+ Oct '78

Streamlining Army testing. MajGen Patrick W. Powers. illus Def Sys Mgt Rev 1:7-18 Winter '77

Use of training exercises for test and evaluation. LtCol Martell D. Fritz. illus Def Sys Mgt Rev 1: 110-118 Winter '77

Costs

Materiel costs forecast. Table only. Fld Arty J 46:56 Sep-Oct '78

Defense Dept--U.S.

A-109: Changing the face of U.S. military planning. David Harvey. illus Def & For Aff Dig 6, No.11: 40-41 '78

A-109: Initiating the fiscal year. tabs Mil Elect/Countermeasures 4:36-38+ Sep '78

DOD weapons average only 1/2 the cost growth of other Federal acquisitions. Benjamin F. Schemmer. tab Armed Forces J Intl 116:8 Mar '78

Defense's streamlined acquisition program. Charles W. Duncan, Jr. illus tabs Comdrs Dig 21:2-11 May 18 '78

The FY 1979-1983 defense program: Issues and trends. Lawrence J. Korb. tabs AEI Def Rev 2, No. 2: entire issue '78

How much testing is enough? Howard W. Kreiner. illus Def Sys Mgt Rev 1:84-86 Winter '77

\$126 billion budget--and bad news for the Navy. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:32-35 Mar '78

Product liability. LtCol Robert B. Machen. illus Def Sys Mgt Rev 1:162-164 Winter '77

Reliability and maintainability in the acquisition process: DOD Directive 5000.x. Col Ben H. Swett. illus Def Sys Mgt Rev 1:126-148 Winter '77

WEAPONS PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

SecDef's annual report at odds with his budget guidance for next year. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:37-39 Mar '78

Test and evaluation in the Department of Defense. LtGen Walter E. Lotz, Ret. illus Def Sys Mgt Rev 1:1-6 Winter '77

Test and evaluation of TRI-TAC equipment. LtCol David L. Washington. illus chart Def Sys Mgt Rev 1:73-83 Winter '77

Test and evaluation policy. Charles W. Karns. illus Def Sys Mgt Rev 1:87-93 Winter '77

Marine Corps--U.S.

USMC needs effective EW systems. MajGen John H. Miller. MarCor Gaz 62:14+ Aug '78

USN/USMC CH-53E enters production. illus Armed Forces J Intl 115:12 Apr '78

Navy--NATO

One step toward standardization? (NATO Frigate 122) Egbert Thorner. illus NATO's Fifteen Nations 22: 43+ Oct-Nov '77

Navy--U.S.

The advanced patrol boat--a new range of surface effect ships from Bell-Halter. illus tabs Intl Def Rev 11, No. 9:1477-1479 '78

DPEWS (Design-to-Price Electronic Warfare System): The U.S. Navy's new multi-role EW systems. Gowri S. Sundaram. illus tab Intl Def Rev 11, No. 4:618-619 '78

Major Navy weapons programs. Table only. Sea Power 21:22-23 Feb '78

Navy, DOD debate "basic, fundamental disagreement" over future character, size of carrier aviation. Benjamin F. Schemmer. illus Armed Forces J Intl 116:41-42 Mar '78

Operational test and evaluation of ships: Policy and practice. CDR Ian E. M. Donovan and LCDR Thomas A. Fitzgibbons. illus Def Sys Mgt Rev 1: 28-44 Winter '77

SIRCS (Shipboard Intermediate Range Combat System) and OMB (Office of Management and Budget) Circular A-109: Changing the major system acquisition process. CDR Alvin W. Musgrave, Jr. illus Def Mgt J 14:24-29 May '78

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

USN/USMC CH-53E enters production. illus Armed Forces J Intl 115:12 Apr '78

WEATHERSee also

Meteorology

also specific elements, e.g.,

Hail

Hurricanes

Ice

Lightning

Thunderstorms

Tornadoes

Turbulence

Typhoons

Winds

WEATHER - Continued

Remote tour stateside (689th Radar Sq, Mount Hebo AFS, Oreg). Inconvenience, yes. Hardship? Not really. Marianne Lester. illus AF Times, Times Magazine sup:6-11 Sep 18 '78

Summer weather--not harmless. Capt R.J. Dick. illus Combat Crew 28:16-19 Jun '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagdy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Witches. Maj Wayne E. Griffith. tab Interceptor 20: 8-11 Oct '78

Military Applications

Environmental services support to DOD. Col Robert M. Pfeiffer. illus map Signal 32:30-34+ Jan '78

European weather can bite you. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 34:26-27 Jan '78

Hot weather drone recovery. TIG Brief 30:10 Jun 23 '78

The meteorological satellite: An invaluable tool for the military decision-maker. Maj Ernie R. Dash and Walter D. Meyer. illus maps AU Rev 29:13-24 Mar-Apr '78

Runway condition. CMSgt George M. Horn. illus Aerosp Safety 34:4-5 Apr '78

Seakeeping--and the SWATH (Small Waterplane Area Twin Hull) design. LCDR Stephen R. Olson. illus tabs US Nav Inst Proc 104:139-146 Mar '78

Weather factor mishaps. Maj Francis L. Gulberson. illus tabs Aerosp Safety 34:6-9 Jun '78

Winter weather. Capt Robert G. Bishop III. illus TAC Attack 18:4-5 Dec '78

Study and Teaching

Night and adverse weather training. LtCol Matthew R. Karnbrod. USA Avn Dig 24:11-12 Sep '78

WEATHER FORECASTING

How do you spell relief? Active duty weathermen spell it Reserve. TSgt Richard Allen. illus Air Reservist 29:10-11 Mar '78

How SNOTEL (SNOW TELelemetry) could help solve several government problems. Govt Exec 10:25+ Dec '78

A patch of blue: How the Air Guard helps the Army Guard fly. Maj Neal Gendler. illus Natl Guardsman 32:22-23 Jan '78

The sun watchers. (Sun and solar flares are monitored at NORAD's Cheyenne Mountain complex in Colorado) Robert K. Ruhl. illus Airman 22:2-8 Nov '78

208th (Weather Flt) 'tells the Army when to fly!' Maj Neal M. Gendler. illus Air Reservist 29:9-10 Feb '78

Weather forecasts ... how good are they? Capts Warren A. Von Werne and Joseph J. Butchko. illus tab TAC Attack 18:24-25 Apr '78

WEATHER FORECASTING - Continued

Weather watch (Defense Meteorological Satellite Program). TSgt Dwight Trimmer. illus AF Times 39:44 Dec 4 '78

WEATHER RECONNAISSANCE

Georgia Army National Guard. illus USA Avn Dig 24:23 Nov '78

Hunting for trouble. (Weather reconnaissance crews of the Aerospace Rescue and Recovery Service). illus MAC Flyer 25:13-15 Jan '78

Nav typhoon chaser. 1stLt Nathan H. Kryz. illus Navigator 25:20-21 Summer '78

Typhoon chasers (at Andersen AFB, Guam) hunt storms in W. Pacific. illus AF Times 38:32 Mar 20 '78

920th (Weather Reconnaissance Gp) flies into hurricanes. Capt Dennis R. Boxx. illus Air Reservist 29:8-9 Feb '78

WEEMS, Philip V. H.

The grand old man of navigation (CAPT Philip Van Horn Weems, Ret). G. D. Dunlap. por Navigator 25:5-8 Summer '78

WEIGHTED AIRMAN PROMOTION SYSTEM

Latest WAPS study hints at no changes. AF Times 39:8 Oct 30 '78

Selecting subject matter specialists. TIG Brief 30:13 Mar 3 '78

WAPS scoring altered. Bruce Callander. AF Times 39:1+ Nov 27 '78

WEIGHTLESSNESS

Alterations in erythrocyte survival parameters in rats after 19.5 days aboard Cosmos 782. Henry A. Leon and others. tab Aviation, Space & Envmt Med 49:66-69 Jan '78

In the fight against weightlessness. Mikhail Chernyshov. Aviation, Space & Envmt Med 49:1235-1236 Oct '78

WEIGHTS AND MEASURES

See also
Telemetry

EquipmentMaintenance and Repair

Precision Measurement Equipment (PME): Is it a dropped object? TIG Brief 30:9 Aug 4 '78

Unserviceable precision measurement equipment. TIG Brief 30:10 Nov 3 '78

WEISNER, Maurice F.

A military view of Asia. ADM Maurice F. Weisner. Command 1:2-9 Jul '78

Pacific Command--a unique C⁴ challenge. ADM Maurice F. Weisner. por Signal 32:7-11 Feb '78

The U.S. posture in Asia and the Pacific: The view from CINCPAC. ADM Maurice F. Weisner. por Strat Rev 6:41-47 Summer '78

WELCH, Jasper A., Jr

C³ systems: The efficiency connection. (Speech, 39th Military Operations Research Society Symposium, U.S. Naval Academy, Annapolis, June 29, 1977) MajGen Jasper A. Welch, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:30-38 Dec '77

Tactical C³: Bringing order out of chaos. F. Clifton Berry, Jr. Armed Forces J Intl 115:13-20+ Apr '78

WELDING

Inertia welding--industrial energy saver. Al S. Wadleigh. illus Natl Def 63:41-42+ Jul-Aug '78

WELFARE OF ARMED FORCES

Exploring the I.G. myth. Sgt1C Matt Glasgow. illus tab Soldiers 33:6-10 Jun '78

MWR (Morale, Welfare and Recreation) activities face cut in tax funding. AF Times 38:35 Apr 24 '78

7000 in military on welfare rolls. AF Times 38:29 Mar 13 '78

WEST POINT, NY MILITARY ACADEMY see Military Academy, West Point, NY

WEYAND, Alexander M.

The ACE Mobile Force. Maj John Braisby. por NATO's Fifteen Nations 22:81-88 Dec '77-Jan '78

WHITE, Isaac D.

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I. D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77; Reply on comments. Franklin Weinstein. 2:160-167 Winter '78

WHITE, John P.

How DOD is handling the problems of base realignment. John P. White. Comdrs Dig 21: entire issue Jun 1 '78

(Sen John) Stennis: Control costs (of retirement system); (John P.) White: Complex issue. Andy Plattner. AF Times 38:3 Apr 3 '78

Shorter no-kin tours top Pentagon issue. Interview. John P. White. por AF Times 39:8+ Oct 16 '78

White backs EM travel help. Interview. John P. White. por AF Times 38:37-38+ Apr 10 '78

WHITEHURST, G. William

But they (two congressmen with a single specialty, Les Aspin and G. William Whitehurst) march to different drummers. Robert Gatty. por Army 28: 24-28 Jan '78

WILDLIFE CONSERVATION

A "diamond" in the rough. (Air Force natural resource program) Capt David J. Wesley. illus AF Engrg & Svcs Qtr 19:18-21 Feb '78

WILLARD, Garry A., Jr

A tragic six days. Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Waggy. 34:2+; pt 2, The search for Spar 14. Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

WILLIAMS, Charles E., Jr

Communications and crisis actions. BrigGen Charles E. Williams, Jr, Ret. AU Rev 29:2-8 Mar-Apr '78

WILSON, Louis H., Jr

CMC receives Hall of Fame Gold Medal. por MarCor Gaz 62:2 Feb '78

CMC reports on meeting the challenges of future battlefields. (3d annual State of the Corps message to Congress) Gen Louis H. Wilson. por MarCor Gaz 62:20-32 Apr '78

Marine Corps Commandant (Gen Louis H. Wilson) lays to rest any possible doubts about future course. Officer 54:15 Jul '78

USMC: A public institution. Interview. Gen Louis H. Wilson. por MarCor Gaz 62:2+ Nov '78

WILSON, Louis L., Jr

Cross-pollinating good ideas. Gen Louis L. Wilson, Jr, Ret. TIG Brief 30:11-12 Sep 8 '78

WINDS

Downburst. illus MAC Flyer 25:12-14 Apr '78

Low level wind shear. Capt John Schwenck. illus Interceptor 20:5-7 Mar '78

Low-level wind shear advisory program. TIG Brief 30:10 Mar 17 '78

Severe wind shear. illus Combat Crew 28:8-11 May '78

Shear distress. Maj John E. Richardson. illus Aerosp Safety 34:8-10 Apr '78

Those terrible thunderstorms. Capt Stephen M. Horn. illus TAC Attack 18:20-22 Jun '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14: Col Frank R. Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A. Willard, Jr. TIG Brief 30:2 Aug 25 '78

USAF Wind Shear Conference (Travis AFB, Calif, May 1978). Capt James J. Lawrence. Aerosp Safety 34:8-9 Jul '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Windshear for navigators. LtCol Orlen L. Brownfield. MAC Flyer 25:15 Apr '78

Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78

WIRE

Navy moves out on system to eliminate 25-50% of all wiring and cables in ships. illus Armed Forces J Intl 115:16-17 Jul '78

Wire strikes on the rise. illus USA Avn Dig 24:26-29 Mar '78

Wires: The unseen enemy. TIG Brief 30:3 Dec 15 '78

WIVES, MILITARY

The Army's new 'mayors': At a few posts, wives can jolt the brass and bring some power to the people. Lothar H. Wedekind. illus AF Times, Times Magazine sup:12-17 Oct 23 '78

Getting out: What every wife should know about retirement. Jo Ann Wendt. illus AF Times, Times Magazine sup:4-10+ Feb 6 '78

The military lifestyle: Is it a dependency trap for wives? (Interview with Lynne Dobrofsky) illus AF Times, Times Magazine sup:34-37 Sep 18 '78

New Social Security regs will lower some benefits. AF Times 39:21 Aug 28 '78

Send them a message! How I lobby my legislature. Claudia Nichols. illus AF Times, Times Magazine sup:4-7 Nov 27 '78

The stress of separation. Alice Stratton. illus US Nav Inst Proc 104:52-59 Jul '78

Tagging along: How Marine wives can join their husbands overseas. Linda Condra and Richard C. Barnard. illus AF Times, Times Magazine sup:16+ Feb 20 '78

WOLFE, Thomas E.

A perspective for human relations. CMSgt Willard P. Anderson, Ret and SMSgt Thomas E. Wolfe. AU Rev 29:74-80 Mar-Apr '78

WOMEN

Alcohol program aimed at (AF civilian) women shows progress. Randy Moore. AF Times 39:25 Dec 18 '78

CSC (Civil Service Commission) seeks to brighten work picture--more jobs for women. Randy Moore. AF Times 38:14 Feb 20 '78

DOD walks thin line on abortions. Tom Philpott. AF Times 39:2 Sep 25 '78

Drug help focuses on women. AF Times 39:6 Aug 21 '78

(Honoring the military and civilian women assigned to Air Force comptroller offices) illus AF Compt 12:6-28 Jan '78

Notes from the Director of Budget (women analysts in the Directorate of Budget). MajGen Hans H. Driessnack. illus AF Compt 12:6-7 Jan '78

Soviet women. SSgt Jim Rogers. illus Soldiers 33:13 Mar '78

The story of the NARBW (National Association of Railway Business Women). illus Def Trans J 34: 40-41 Feb '78

32,000 Pap tests 'misclassified'--AF is rechecking. Ron Sanders. AF Times 38:3 Jul 24 '78

VFW votes women in. AF Times 39:12 Sep 4 '78

Women asked to back SALT II. Andy Plattner. AF Times 39:4 Dec 18 '78

WOMEN IN AVIATION

Famed pilot says women shouldn't fight. Interview.
Jackie Cochran. illus AF Times, Times Magazine
sup:18+ Jan 23 '78

Woman Army aviator (Capt Linda McDonald Horan)
to compete (in international helicopter airshow and
competition) in Russia. SP5 Charles Drake. illus
USA Avn Dig 24:47 Jul '78

WOMEN IN THE AIR FORCEGreat Britain

The 'Texanization' of Sally. (FltLt Sally Whiskerd of
Great Britain's Royal Air Force is teaching basic
training at Lackland AFB, Tex) LtCol Fred A.
Meurer. illus Airman 22:31-34 Nov '78

United States

Fitness test same for both sexes. AF Times 38:11
Jan 1 '78

Germany to Zalre with a 'fair force' Reserve pilot
(Lt Kathleen R. Cosand). illus map Officer 54:12
Aug '78

(Honoring the military and civilian women assigned
to Air Force comptroller offices) illus AF Compt
12:6-28 Jan '78

House panel (Armed Services Subcommittee on Mil-
itary Personnel) action: Sea duty for women
okayed; no vote on female combat pilots. Andy
Plattner. AF Times 38:2 May 1 '78

1984 forecast: 1 in 6 in AF will be female. tab AF
Times 39:2 Oct 23 '78

Open security skill, women SPs say. AF Times 39:10
Sep 11 '78

The red-blooded Air Force supervisor. TIG Brief
30:14 Mar 3 '78

Sex integration of the U.S. Air Force Academy:
Changing roles for women. Lois B. DeFleur and
others. tabs Armed Forces & Soc 4:607-622 Sum-
mer '78

'Tell them you (a woman Reservist) train in Eng-
land.' SSgt Anja Carr. illus Air Reservist 29:8-9
Mar '78

Titans await more women: EM board delayed. AF
Times 38:21 Jan 23 '78

25 enlisted women due Titan II missile training. AF
Times 38:2 Mar 20 '78

What's a nice girl like you doing in a place like this?
Maj Patricia M. Murphy. illus AU Rev 29:74-80
Sep-Oct '78

Widening horizons for Air Force women. Ed Gates.
illus tabs AF Mag 61:32-36 Jan '78

Woman power. illus Air Reservist 29:12-18 Nov '77

Women in aircraft maintenance. TIG Brief 30:9
Dec 1 '78

Women with wings is topic of meeting (of the Defense
Advisory Committee on Women in the Services)
M. L. Craver. AF Times 39:7 Nov 13 '78

History

The year of the WASP. James R. Patterson. illus AF
Mag 61:144-145 Dec '78

WOMEN IN THE AIR FORCE - ContinuedUnited States - Cont'dStatistics

Widening horizons for Air Force women. Ed Gates.
illus tabs AF Mag 61:32-36 Jan '78

WOMEN IN THE ARMED FORCES

Arms and the woman: Some general considerations.
M. D. Feld. Armed Forces & Soc 4:557-568 Sum-
mer '78

The future of women in the Armed Services. (Report
of a seminar given at the RUSI on June 23, 1977)
Charles Owen. RUSI J for Def Studies 123:3-14
Mar '78

Great BritainHistory

Women in the military: America and the British Com-
monwealth--historical similarities. Patricia J.
Thomas. Armed Forces & Soc 4:623-646 Sum-
mer '78

Japan

The Women's Corps within the Japanese Self-Defence
Force. Y. Imalzumi. tab RUSI J for Def Studies
123:73-74 Jun '78

NATO

Utilization of women in the NATO alliance. Jean E.
Klick. Armed Forces & Soc 4:673-678 Summer '78

Russia

Universal military training in the USSR. Harriet
Fast Scott. illus tab AF Mag 61:84-88 Mar '78

United States

Assertiveness training for the military woman?
Nancy Dughl. illus AU Rev 29:52-55 Jan-Feb '78

Combat duty for women. LtGen Ira C. Eaker, Ret.
AF Times 38:17-18 Apr 10 '78

DACOWITS (Defense Advisory Committee On Women
In The Services) lists 10 items of concern. M. L.
Craver. AF Times 39:12 Nov 27 '78

DOD seeking more women. AF Times 39:8 Dec 25 '78

DOD wants women on ships (and in flight crews). AF
Times 38:18 Mar 13 '78

Famed pilot says women shouldn't fight. Interview.
Jackie Cochran. illus AF Times, Times Magazine
sup:18+ Jan 23 '78

Policy dimensions of an integrated force. Cecile Lan-
drum. Armed Forces & Soc 4:689-694 Summer '78

The promotion of enlisted women in the military: A
research note. John Sibley Butler and Rose M.
Brewer. tabs Armed Forces & Soc 4:679-688
Summer '78

Stand-by draft 'for men only.' AF Times 39:12
Dec 4 '78

3 (Cicchini) sisters ... at 3 Academies. Del Malkie.
illus AF Times 38:24 Jan 1 '78

Use of women as warriors threatens our society. Maj
G. R. Bettie. illus MarCor Gaz 62:45-51 Sep '78

WOMEN IN THE ARMED FORCES - ContinuedUnited States - Cont'd

What's a nice girl like you doing in a place like this? Maj Patricia M. Murphy. illus AU Rev 29:74-80 Sep-Oct '78

Women in combat? Change moral values first. Anthony J. Daniels. illus AF Times, Times Magazine sup:12 Sep 18 '78

Women in combat: Court test in 1977. illus Armed Forces J Intl 114:8 Mar '77

Women in the military--a brief history. Maj Jesse D. Drodgy. illus Educ J 20:35-39 Spring '78

Bibliography

Women in the military: An annotated bibliography. Edna J. Hunter and others. Armed Forces & Soc 4:695-716 Summer '78

History

Women in the military: America and the British Commonwealth--historical similarities. Patricia J. Thomas. Armed Forces & Soc 4:623-646 Summer '78

WOMEN IN THE ARMYIsrael

Chen, Capt Karen McKay. illus Army 28:32-39 Sep '78

Russia

Soviet women. SSgt Jim Rogers. illus Soldiers 33:13 Mar '78

United States

After all is said and done. Maj Marcia E. Thompson. illus Mil Rev 58:46-52 Nov '78

(Army) women's sports on the rebound. Janet Hake. illus Soldiers 33:39-42 Jul '78

The Army's women move out: A status report. Martin Blumenson. illus Army 28:14-23 Feb '78

Coeducation at West Point. Robert F. Priest and others. Armed Forces & Soc 4:589-606 Summer '78

Evaluation of utilization & training preparation for female Army aviators. tabs USA Avn Dig 24:34-37 Dec '78

The female soldier. Capt Rosanne M. Robison. illus tabs Fld Arty J 46:6-11 Nov-Dec '78

A view from the field: Women soldiers. LtCol John H. Woodyard, Ret. Army 28:23-25 Feb '78

Woman Army aviator (Capt Linda McDonald Horan) to compete (in international helicopter airshow and competition) in Russia. SP5 Charles Drake. illus USA Avn Dig 24:47 Jul '78

Women at West Point: Change within tradition. Maj Alan G. Vitters and Nora Scott Kinzer. illus tabs Mil Rev 58:20-28 Apr '78

Women in the Army: A commander's perspective. LtCol Joel E. L. Roberts. illus Mil Rev 58:69-76 May '78

WOMEN IN THE ARMY - ContinuedUnited States - Cont'd

Women in the U.S. Army. Jack M. Hicks. Armed Forces & Soc 4:647-657 Summer '78

Women, women. (Their changing role in the Army) Janet Hake. illus Soldiers 33:6-12 Mar '78

History

Battery X. Maj Georgia B. Watson, Ret. illus Army 28:32-35 Dec '78

WOMEN IN THE COAST GUARD

The Coast Guard's first women at sea. Pictorial. AF Times, Times Magazine sup:6-10 Feb 20 '78

The Gallatin experience: 'No major problems to date.' Sea Power 21:18-19 Sep '78

Women on the Gallatin: Smooth sailing. Marianne Lester. illus AF Times, Times Magazine sup:11-14 Feb 20 '78

WOMEN IN THE MARINE CORPSUnited States

Marine Corps names Col Margaret Brewer first woman general. illus MarCor Gaz 62:2 May '78

Marine Corps names first woman general (Margaret A. Brewer). illus Natl Def 63:72 Jul-Aug '78

Marksmanship training for WM's. MarCor Gaz 62:6 Apr '78

WOMEN IN THE NAVYUnited States

From pariah to professional: Women on tugs. LT John E. Kane. illus Def Mgt J 14:3-9 Jan '78

House panel (Armed Services Subcommittee on Military Personnel) action: Sea duty for women okayed; no vote on female combat pilots. Andy Plattner. AF Times 38:2 May 1 '78

A requirement to serve. CAPT Robin L. Quigley, Ret. (Excerpted from Sea Power, May 1977) illus US Nav Inst Proc 104:52-53 Oct '78

Women aboard ship: The preparations continue. L. Edgar Prina. illus Sea Power 21:18-20 Sep '78

Women aboard ship: The Quigley commentary. Editorial. Sea Power 21:7 Aug '78

Women at the Naval Academy: An attitude survey. Kathleen P. Durning. tabs Armed Forces & Soc 4:569-588 Summer '78

Women in the Navy: Morale and attrition. Anne Hoiberg. tabs Armed Forces & Soc 4:659-671 Summer '78

Women in warships: A right to serve. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 104:44-52 Oct '78

WOOLSEY, R. James

Planning a Navy: The risks of conventional wisdom. R. James Woolsey. Intl Sec 3:17-29 Summer '78

WORD PROCESSING

DC probation division cleans up in word processing through centralized dictation. Govt Exec 10:47 Mar '78

WORD PROCESSING - Continued

USAF information engineering: 1990 plus. Maj Jerry C. Hix. tab AU Rev 29:58-65 Mar-Apr '78

Word processing: A first step in automating the office. TIG Brief 30:20 Apr 28 '78

Word processing and telecommunications: A marriage of convenience. Daniel J. Norton. illus Signal 32:76-78+ May-Jun '78

Word processing: The baby grows up. Frank Malone. Govt Exec 10:48+ May '78

Equipment

Information engineering: Navy recruitment productivity raised through word processing. illus Govt Exec 10:41-42 Aug '78

WORK MEASUREMENT see Output Measurement

WORK SIMPLIFICATION

The K.I.S.S. (Keep It Simple Safety) principle and your pre-mishap plan. LCDR C.R. Saffell, Jr. illus Approach 23:4-5 Jan '78

Supply research: Tools and techniques. TIG Brief 30:13-14 Jan 20 '78

WORK WEEK see Hours of Labor

WORLD POLITICS see International Politics

WORLD WAR IAirborne Operations

Marine combat squadrons in WW I. MSgt Roger M. Emmons, Ret. MarCor Gaz 62:78-81 Nov '78

Campaigns and Battles

Fighting at Pskov. LtGen A. Cherepanov, Ret. Soviet Mil Rev No. 1:9-11 Jan '78

How the Marine monument in Belleau Wood got built. Col Gordon H. West, Ret. MarCor Gaz 62:77-78 Nov '78

Kitchener's Army: The Somme and after. C.E. Carrington. RUSI J for Def Studies 123:15-20 Mar '78

Passchendaele 1917. LtCol Howard Green. map Army Qtr 107:477-483 Oct '77

Naval Operations, German

The German High Seas Fleet: A reappraisal. Cadet Jeffrey A. Romer. illus US Nav Inst Proc 104:56-61 Jan '78

Personal Narratives

In action with the Rainbow Division, 1918-19. J. Douglas Brown. illus Mil Rev 58:35-46 Jan '78

Lenin was beside us. Semyon Ivanovich Aralov. illus Soviet Mil Rev No. 1:14-17 Jan '78

My father (Jacob H. Heckman) was a hero. Marianne Hancock. illus US Nav Inst Proc 104:88-93 Nov '78

A National Guard "Model Company" from Chicago goes to war--over General Pershing's protest, July 4, 1918. illus Natl Guardsman 32:16-18+ Jul '78

WORLD WAR I - ContinuedFrance

How the Marine monument in Belleau Wood got built. Col Gordon H. West, Ret. MarCor Gaz 62:77-78 Nov '78

WORLD WAR II

Will 'Ultra' rewrite history? Martin Blumenson. illus Army 28:42-48 Aug '78

Aerial Operations

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78

Oil interdiction: The relevance of past experience in Rumania. John Sweetman. map Royal Air Forces Qtr 18:287-291+ Autumn '78

Search for the lost. (Dutch experts recover and identify aircraft and aircrews downed in WW II) SMSgt Harold Newcomb and Sgt Dwight Adams. illus Airman 22:42-48 Apr '78

Aerial Operations, Allied

On whispering wings. (Gliders in WW II) SMSgt Harold Newcomb and SSgt Russell W. Schmidt. illus Airman 22:28-34 May '78

"Target bearing"--GCI (Ground-Controlled Interception) has come a long way. Capt Pamela Sexton. illus Interceptor 20:5-11 Jul '78

Aerial Operations, American

To Russia: One way. (World War II shuttle bombing) Russell Bradshaw. illus Aerosp Hist 25:198-205 Dec '78

Aerial Operations, British

(Adrian) Warburton and PR (Photo Reconnaissance) from Malta, 1940-41. GpCapt E.A. Whiteley. illus Royal Air Forces Qtr 18:19-30 Spring '78

Conflicting concepts in Iceland, 1939: A case study. Maj Donald F. Bittner. illus Aerosp Hist 25:12-18 Mar '78

Dr Sweeney's secret formula. (Fuel for Spitfires and Hurricanes) Russell Warren Howe. illus AF Mag 61:64-67 Feb '78

Aerial Operations, German

Luftwaffe's multinational WW II killer force. Daniel F. Gilmore. illus Armed Forces J Intl 115:30-31 Jan '78

The 1940 bombing of Freiburg: Fuller and the writing of military history. W. Kent Hackman. illus Aerosp Hist 25:155-158 Sep '78

Aerial Operations, Russian

Fighter tactics. (Soviet fighter tactics during the Great Patriotic War of 1941-1945) Col Ye. Veraksa. illus Soviet Mil Rev No. 3:35-37 Mar '78

Campaigns and Battles

See also
Pearl Harbor, 1941

WORLD WAR II - ContinuedCampaigns and Battles - Cont'd

- Assault on the Crimea. Capt Ron Brown. illus MarCor Gaz 62:43-47 Feb '78
- Battle for the Dnieper. Col B. Frolov. illus map Soviet Mil Rev No. 10:46-49 Oct '78
- Beachhead. (Battle of Novorossiisk) LtCol Ye. Besschyotnov. illus Soviet Mil Rev No. 9:36-37 Sep '78
- The Far East: Liberation mission. Col G. Plotnikov. illus Soviet Mil Rev No. 9:2-5 Sep '78
- Getting the job done with un-artillery. LtGen Louis Metzger, Ret. illus MarCor Gaz 62:64-68 Nov '78
- Initiative in combat: Six hours at Balta. Capt David A. Fastabend. illus maps Mil Rev 58:13-21 Nov '78
- (MajGen) Terry (de la Mesa) Allen (one of the finest and most controversial American combat leaders of WW II). Thomas W. Dixon. illus Army 28:57-62 Apr '78
- Memories and impressions: Guadalcanal and Tulagi, 1978. BrigGen Samuel B. Griffith II, Ret. illus MarCor Gaz 62:49-56 Nov '78
- The occupation of Madagascar, 1942. Christopher Shores and others. illus tabs maps Air Pict pt 1; 40:22-27 Jan '78; pt 2, 40:60-63 Feb '78; pt 3, 40:110-112 Mar '78
- Operation "Iskra." (Raising of the blockade of Leningrad) Col N. Kobrin. illus Soviet Mil Rev No. 2:9-11 Feb '78
- 'That's my beach' (Tarawa). H.I. Shaw, Jr. MarCor Gaz 62:26 Nov '78
- Turning point (battles fought on the Soviet-German front in 1943). Col A. Orlov. illus Soviet Mil Rev No. 5:42-44 May '78
- The victory at Kursk. (Interview with ColGen I. Christyakov, Ret) illus map Soviet Mil Rev No. 7: 42-45 Jul '78

Casualties

- Search for the lost. (Dutch experts recover and identify aircraft and aircrews downed in WW II) SMSgt Harold Newcomb and Sgt Dwight Adams. illus Airman 22:42-48 Apr '78

Damages and Losses

- Search for the lost. (Dutch experts recover and identify aircraft and aircrews downed in WW II) SMSgt Harold Newcomb and Sgt Dwight Adams. illus Airman 22:42-48 Apr '78

Economic Aspects

- Economic victory of socialism. Col N. Komarov. illus Soviet Mil Rev No. 4:8-10+ Apr '78
- How Pearl Harbor switched things. Bruce Callander. AF Times 39:16+ Dec 4 '78

Lessons Learned (Military)

- 'That's my beach' (Tarawa). H.I. Shaw, Jr. MarCor Gaz 62:26 Nov '78

WORLD WAR II - ContinuedNaval Operations, American

- The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:55-61 Sep '78

Naval Operations, Russian

- (Actions of different fighting arms of the Soviet Navy) on the enemy's sea communications (during the Great Patriotic War, 1941-45). Capt G. Ammon. illus map Soviet Mil Rev No. 6:8-11 Jun '78
- Striking from under the water. (Soviet submarines during the Great Patriotic War, 1941-45) LtCol N. Kharitonov. illus Soviet Mil Rev No. 6:41-43 Jun '78
- Tactical sea landings (during the Great Patriotic War, 1941-45). Capt G. Alexeyev. map Soviet Mil Rev No. 12:41-44 Dec '78

Personal Narratives

- Anyone can navigate. LtCol Thomas D. Bandler, Ret. (Reprinted from Navigator, vol 20, No. 2, 1973) illus Navigator 25:24-28 Summer '78
- Go for broke: The 442d Combat Team story. MSgt Matt Glasgow. illus Soldiers 33:6-12 Nov '78
- Ground crew. Francis J. Johnston. illus Aerosp Hist 25:244-252 Dec '78
- 'I pronounce you Buddy and wife.' George Vierhus. illus Army 28:36+ Dec '78
- The private war of Gambut Three. LtCol Jim Beavers, Ret. illus AF Mag 61:114-119 Sep '78
- The sergeant catches the (gold) ring. SGM Lloyd Decker, Ret. illus Army 28:37-38 Jul '78
- To Russia: One way. (World War II shuttle bombing) Russell Bradshaw. illus Aerosp Hist 25:198-205 Dec '78
- The war effort of Baba Karpic. Grant Parr. illus Army 28:24-27 Dec '78
- What ship is that? CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 104:61-73 Jul '78

Political Aspects

See War--Political Aspects

Strategy

- Encirclement. (Soviet Army's experience during the Great Patriotic War, 1941-45) Col Z. Shutov. illus maps Soviet Mil Rev No. 4:47-50 Apr '78
- The impact of strategic air warfare. George H. Quester. tabs Armed Forces & Soc 4:179-206 Winter '78
- The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:55-61 Sep '78
- The strange case of Rainbow-5. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:66-73 Aug '78
- Strategic factors affecting a Soviet conventional attack in Western Europe. Maj D. M. O. Miller. illus Intl Def Rev 11, No. 6:853-859 '78

WORLD WAR II - ContinuedUnderground Movements

The bitter legacy of Sgt (Edward) Larde (now a Guardsman, but formerly a member of the French resistance during WW II). Capt Steven Stone. illus Natl Guardsman 32:17 Aug '78

Africa

African soldiers in World War II. Rita Headrick. Armed Forces & Soc 4:501-526 Spring '78

Asia, Eastern

The Far East: Liberation mission. Col G. Plotnikov. illus Soviet Mil Rev No. 9:2-5 Sep '78

Great Britain

(Operations) Backfire and Clitterhouse: Britain launches the V2. Mitchell R. Sharpe. illus Aerosp Hist 25:36-44 Mar '78

The war rooms: Where so few did so much. (London, 1940-1945) Marion M. Corddry. illus Army 28: 42-46 Jul '78

Madagascar

The occupation of Madagascar, 1942. Christopher Shores and others. illus tabs maps Air Pict pt 1, 40:22-27 Jan '78; pt 2, 40:60-63 Feb '78; pt 3, 40:110-112 Mar '78

Mediterranean Theater

(Adrian) Warburton and PR (Photo Reconnaissance) from Malta, 1940-41. GpCapt E.A. Whiteley. illus Royal Air Forces Qtr 18:19-30 Spring '78

Netherlands

Search for the lost. (Dutch experts recover and identify aircraft and aircrews downed in WW II) SMSgt Harold Newcomb and Sgt Dwight Adams. illus Airman 22:42-48 Apr '78

Pacific Theater

Getting the job done with un-artillery. LtGen Louis Metzger, Ret. illus MarCor Gaz 62:64-68 Nov '78

The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:55-61 Sep '78

'That's my beach' (Tarawa). H.I. Shaw, Jr. MarCor Gaz 62:26 Nov '78

Philippines

The Pacific command divided: The "most unexplainable" decision. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:55-61 Sep '78

The strange case of Rainbow-5. CAPT Charles O. Cook, Jr, Ret. illus US Nav Inst Proc 104:66-73 Aug '78

Russia

The art of gaining victory. Gen A. Radziyevsky. illus Soviet Mil Rev No. 1:23-26 Jan '78

WORLD WAR II - ContinuedRussia - Cont'd

Battle for the Dnieper. Col B. Frolov. illus map Soviet Mil Rev No. 10:46-49 Oct '78

Beachhead. (Battle of Novorossisk) LtCol Ye. Besschyotnov. illus Soviet Mil Rev No. 9:36-37 Sep '78

Economic victory of socialism. Col N. Komarov. illus Soviet Mil Rev No. 4:8-10+ Apr '78

Encirclement. (Soviet Army's experience during the Great Patriotic War, 1941-45) Col Z. Shutov. illus maps Soviet Mil Rev No. 4:47-50 Apr '78

Initiative in combat: Six hours at Balta. Capt David A. Fastabend. illus maps Mil Rev 58:13-21 Nov '78

Liberators. Capt V. Drozdov. illus Soviet Mil Rev No. 1:28-30 Jan '78

Operation "Iskra." (Raising of the blockade of Leningrad) Col N. Kobrin. illus Soviet Mil Rev No. 2:9-11 Feb '78

Pages of heroic history. (60th Anniversary of Soviet Army and Navy) illus Soviet Mil Rev No. 1:16p sup Jan '78

Soviet leaders and people. (Remarks, Squadron Officer School, Air University, Maxwell AFB, Ala, Nov 21, 1974) LtGen Ira C. Eaker, Ret. illus Aerosp Hist 25:74-77 Jun '78

Turning point (battles fought on the Soviet-German front in 1943). Col A. Orlov. illus Soviet Mil Rev No. 5:42-44 May '78

The victory at Kursk. (Interview with ColGen I. Christyakov, Ret) illus map Soviet Mil Rev No. 7: 42-45 Jul '78

Saudi Arabia

Mission to Mecca: A postscript. CAPT John S. Keating, Ret. illus US Nav Inst Proc 104:74-77 Apr '78

Solomon Islands

Memories and impressions: Guadalcanal and Tulagi, 1978. BrigGen Samuel B. Griffith II, Ret. illus MarCor Gaz 62:49-56 Nov '78

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

Status of the WWMCCS selected architecture. A. E. Babbitt. Signal 32:81-83 Aug '78

Strategic and theater command and control systems. John Morgenstern. illus Signal 33:50-51+ Nov-Dec '78

WOUNDS AND INJURIES

Cause of death in aircraft accidents: Drowning vs traumatic injuries. Robert L. Thompson. illus Aviation, Space & Envmt Med 48:924-928 Oct '77

Medical investigation of fatalities from aircraft-accident burns. Michael J. Dunne, Jr and Robert R. McMeekin. Aviation, Space & Envmt Med 48:964-968 Oct '77

WOUNDS AND INJURIES - Continued

20 years later. (Capt Charles F. Nowlin and Jerry Urban discuss the burns they sustained in aircraft crashes and the correct use of life support equipment) illus USA Avn Dig 24:30-35 Oct '78

WRIGHT, Clifton D., Jr

Air Force Engineering and Services Center--a new focal point for worldwide activities. Interview. BrigGen Clifton D. Wright, Jr. por AF Engrg & Svcs Qtr 19:18-21+ Nov '78

WRITING (COMPOSITION)

See also
Report Writing
Technical Writing

WRITING (COMPOSITION) - Continued

For good technical writing, eliminate those long sentences. Elizabeth Tebeaux. Mil Engr 70:244-246 Jul-Aug '78

Graphic rating scales for speaking and writing. LtCol Henry F. Lippincott, Jr and others. illus Educ J 20:27-34 Spring '78

Reading levels set to match EM skills. Len Fa-miglietti. tab AF Times 38:1+ Jun 5 '78

Talking with the man upstairs. (The USAF Academy Executive Writing Course travels to various agencies) Robert K. Ruhl. illus Airman 22:32-37 Mar '78

The unit and posterity. (Task of the unit historian) Capt John M. Manguso. illus Army 28:43-47 Feb '78

Writing it right. Airman 22: inside front cover Mar '78

YERKS, Robert G.

ODCSPER (Office, Deputy Chief of Staff for PERSONnel): 'People support is what we are here for.'
LtGen Robert G.Yerks. por Army 28:66-72 Oct '78

YOUTHRussia

Reliable reserve of the Communist Party (All-Union Young Communist League). Col N.Nikolayev. illus Soviet Mil Rev No.10:15-20 Oct '78

United States

DYA (Dependent Youth Activities): More than kids. Janet Hake. illus Soldiers 33:43-46 Oct '78

A graduation address (Frankfurt American High School, June 1977): "Truth is a fragile commodity." LtGen Donn Starry. Govt Exec 10:18-19 Jan '78

One answer to the great rip off. Col Martin J.Sexton, Ret. MarCor Gaz 62:16-18 Mar '78

YUDKIN, Richard A.

Command and staff in industry and in the military. (Address, Air Command and Staff College, Maxwell AFB, Ala, Nov 1, 1977) MajGen Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs: Sup No.1:7-18 Jan '78

YUGOSLAVIA

After Tito--what? Col Robert D.Heinl, Jr, Ret. illus Sea Power 21:28-29 Apr '78

Assignment ... Yugoslavia. Capt Tom Harvey. illus Soldiers 33:11-14 Jun '78

Yugoslavia after Tito: Certain uncertainty. LtCol Sava Stepanovitch. illus map Parameters 8:80-92 Jun '78

Yugoslavia after Tito: The Soviet threat. LtCol Frank C.Allen. illus map Mil Rev 58:62-68 May '78

Politics and Government

After Tito--what? Col Robert D.Heinl, Jr, Ret. illus Sea Power 21:28-29 Apr '78

ZAIRE REPUBLIC

Destination ... Zaire. Art Covello. illus Air Reservist 30:23 Jul '78

ZAIRE REPUBLIC - Continued

Germany to Zaire with a 'fair force' Reserve pilot (Lt Kathleen R.Cosand). illus map Officer 54:12 Aug '78

Foreign RelationsGermany (Federal Republic)

Rocket testing ground in Africa. LtCol V.Zhukov. Soviet Mil Rev No.4:55-56 Apr '78

ZERO-BASE BUDGETING

Application of the Delphi process to zero base budgeting. Maj Michael E.Thorn. illus tab Armed Forces Compt 23:18-19+ Nov '78

Development of a standard automated budget system for the operations accounts of the Marine Corps. LtCol Walter H.Skierkowski. illus tabs Armed Forces Compt 23:10-12 Nov '78

Getting your ZBB ducks to stay in a row. M.Scott Downing. tabs Govt Exec 10:22+ Oct '78

How AF Systems Command tackles the future. C.W. Borklund. illus map Govt Exec 10:12-13+ Feb '78

More zip for better budgets. M.Scott Downing. tabs Govt Exec 10:20-22+ Jan '78

The Navy's experimentation with zero-base budgeting. CAPT Joel E.Smith and Robert W.Downey. illus Def Mgt J 14:27-31 Jan '78

Thoughts on the future of ZBB. John R.Quetsch. illus Armed Forces Compt 23:5-7 Aug '78

Where ZBB is heading. MajGen Hans H.Driessnack. illus chart Armed Forces Compt 23:4-7 Feb '78

ZBB can work in law enforcement. Charles E.Gabriel. illus Govt Exec 10:22+ Aug '78

Zero base budgeting--a critique. (Remarks, American Society of Military Comptrollers, Fort Myer, Va, Jan 18, 1978) MajGen Hans H.Driessnack. illus AF Plcy Ltr for Comdrs: Sup No.4:32-37 Apr '78

ZWICK, Charles J.

'The younger force is ready for this.' Interview. Charles J.Zwick. por AF Times 38:4+ Apr 3 '78